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1973 CROPS

Statistics

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CONTENTS

INSPECTED CARLOT, TRUCKLOT, SUBMITTED SAMPLE, AND
WAREHOUSE LOT INSPECTIONS FOR MAJOR GRAIN-MARKETING
STATES, BY KINDS OF GRAIN.

	<u>PAGE</u>
BARLEY, MALTING BARLEY, AND WESTERN BARLEY.....	5-9
CORN.....	10-15
FLAXSEED.....	16-17
GRAIN SORGHUM.....	18-20
OATS.....	21-22
RYE.....	23-24
SOYBEANS.....	25-31
WHEAT	
DURUM.....	32-38
HARD RED SPRING.....	39-46
HARD RED WINTER.....	47-54
SOFT RED WINTER.....	55-62
WHITE.....	63-70
DRY EDIBLE BEANS AND PEAS.....	71-72

CARLOT, TRUCKLOT, SUBMITTED SAMPLE, AND WAREHOUSE LOT
INSPECTIONS OF GRAIN COVERED BY THIS REPORT WERE GRADED
ACCORDING TO THE OFFICIAL STANDARDS OF THE UNITED STATES.
COMPLETE DEFINITIONS AND GRADE REQUIREMENTS MAY BE FOUND
IN OFFICIAL GRAIN STANDARDS OF THE UNITED STATES, REVISED
FEBRUARY 1970.

INTRODUCTION

The crop quality information included in this publication is a tabulation of grade and grade factor data obtained from approximately 585,000 carlot, trucklot, submitted sample and warehouse lot inspections of grain at selected markets during and immediately following harvest. The inspection certificates tabulated were obtained by systematically sampling all receipt inspections and all submitted sample inspections. The sampling of certificates started with the first certificate issued on the new crop harvest in each designated market and continued until four (4) weeks after harvest was concluded, or a total of nine (9) weeks (whichever was first), for each kind of grain. The systematic sampling plan was developed to estimate within a 95 percent level of reliability the quality of each kind of grain inspected for the country as a whole. The purpose of selecting certain markets was to obtain a representative measure of grade and grade factor information as near as practicable to the first level of marketing.

Submitted sample inspections and warehouse lot inspections from some points were considered the type of certificates most representative of the quality of grain produced in that area. The sampling procedure was designed to be representative of the qualities of new crop grain and not of that moving by car or truck separately. Therefore, car, truck, and submitted sample were combined for the purpose of this report.

The tables report the total number of inspections at the selected markets from which the sample was obtained, except beans. The dry edible bean table reports the percentage distribution of the number of inspections by grade and specified classes. The information included is a tabulation of approximately 200 bean inspections.

The emphasis in this publication is placed on providing as much information as possible on frequency distributions of grade factors and grades for each kind of grain and each class of wheat. Therefore, the results have been summarized by States and for the country as a whole.

A considerable portion of the grain produced is consumed on farms where grown, especially corn and oats. Some of the grain sold off farms reaches its ultimate destination without being officially inspected. Additionally, some of the grain which is inspected moves across State lines before arriving at the point of inspection. Some certificates tabulated provided information on grade and grade factors; others on factors only.

Inspections for factors only were included in the total columns of all tables. Percentages by grade were calculated excluding the inspections for factors only.

Data on wheat crop quality by counties were compiled in Kansas, Nebraska, and Oklahoma, under cooperative projects financed jointly by the Federal-State Marketing Improvement Program, Agricultural Marketing Service and the respective State Departments of Agriculture. Technical guidance and coordination of the work in these States were provided by the Grain Division, Agricultural Marketing Service.

Data on wheat crop quality by counties in Idaho, Oregon, Washington, and Montana were compiled under a cooperative project with Western Wheat Associates, the State Departments of Agriculture in the four states and published in weekly reports by the Market News Office, Grain Division, Agricultural Marketing Service, Portland, Oregon.

This survey was so planned to include data from the above mentioned projects in this publication because of their effect on the state and national situations and also to minimize overall costs. County data were published by the State Departments of Agriculture or the Agricultural Marketing Service's Grain Market News offices in the States as indicated above.

BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADE					SAMPLE GRADE NUMBER	SPECIAL GRADES			
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER
COLORADO	0	2	2	0	0	2	5	0	0	0
MINNESOTA	1425	494	261	95	42	356	2673	45	11	114
MONTANA	498	204	123	39	23	39	930	12	744	0
NORTH DAKOTA	341	89	62	21	2	17	530	2	0	0
OKLAHOMA	0	3	3	0	0	0	6	0	0	0
SOUTH DAKOTA	105	26	6	3	2	9	150	0	0	6
VIRGINIA	26	51	29	26	2	8	140	33	0	0
WISCONSIN	3012	1136	429	108	117	510	5312	72	395	239
ALL STATES	5406	2003	914	291	186	939	9744	164	1149	359
1973 CROP YEAR	55.5	20.6	9.4	3.0	1.9	9.6	100.0	1.7	11.8	3.7
1972 CROP YEAR	60.9	16.6	11.1	5.6	2.4	3.4	100.0	2.8	25.6	1.6
1971 CROP YEAR	62.7	13.7	10.6	3.3	6.4	3.4	100.0	2.6	0.5	29.3

BARLEY The quality of the 1973 crop was of lower quality with 56 percent grading U. S. No. 1 as compared with 61 percent for the 1972 crop and 63 percent in 1971. Test Weight per bushel was slightly lower with Moisture Content slightly higher.

MALTING BARLEY The percent grading U. S. No. 1 in 1973 was the lowest in four years. Test Weight per bushel was up slightly, while Moisture Content was down slightly. The percent of sound Maltng Barley was higher than in either of the three previous years.

WESTERN BARLEY The quality of the 1973 crop increased slightly with 68 percent grading U. S. No. 1 as compared with 65 percent the previous year and 66 percent in 1971. Test Weight per bushel and Moisture Content decreased. Tough Western Barley increased from 3.9 percent to 6.7 percent.

WESTERN BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U.S. GRADE					SPECIAL GRADES AND SUBCLASSES								
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER	BRIGHT NUMBER	WEST- BARLEY NUMBER	CHOICE NUMBER	MALT- ING NUMBER
CALIFORNIA	1419	297	105	24	18	132	1995	42	6	9	0	1989	0	0
IDAHO	1239	324	66	39	24	12	1704	0	1032	0	0	579	15	78
OREGON	765	261	48	18	12	24	1143	3	177	0	9	756	54	156
UTAH	900	657	129	66	24	159	1935	648	975	0	0	789	57	114
WASHINGTON	3879	1014	279	102	39	72	5385	123	1464	3	0	3690	78	153
ALL STATES	8202	2553	627	249	117	399	12162	816	3654	12	9	7803	204	501
% 1973 CROP YEAR	67.5	21.0	5.2	2.0	1.0	3.3	100.0	6.7	30.0	0.1	0.1	64.2	1.7	4.1
% 1972 CROP YEAR	64.8	23.7	5.6	2.9	1.4	1.7	100.0	3.9	20.1	0.1	0.0	59.9	5.3	14.6
% 1971 CROP YEAR	66.2	22.2	5.6	2.9	1.6	1.4	100.0	0.9	18.8	0.1	0.0	71.5	2.1	7.6

MALTING BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADE			SPECIAL GRADES AND SUBCLASSES						
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	TOTAL NUMBER	TOUGH NUMBER	CHOICE MALTING NUMBER	MALTING NUMBER	2 ROWED MALTING NUMBER	BLUE MALTING NUMBER	
MINNESOTA	410	1282	970	2662	8	18	2502	22	120	
MONTANA	358	64	4	426	0	168	0	258	0	
NORTH DAKOTA	462	2088	1472	4022	2	0	3476	0	546	
SOUTH DAKOTA	162	358	204	724	2	0	712	0	12	
WISCONSIN	350	984	810	2144	20	144	1852	30	118	
ALL STATES	1742	4776	3460	9978	32	330	8542	310	796	
% 1973 CROP YEAR	17.5	47.9	34.7	100.0	0.3	3.3	85.6	3.1	8.0	
% 1972 CROP YEAR	19.0	46.7	34.3	100.0	0.6	1.7	84.2	5.7	8.4	
% 1971 CROP YEAR	21.1	43.0	35.8	100.0	0.4	6.0	82.3	4.7	6.9	

BARLEY
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGES
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U.S. GRADE										ALL GRADES	
	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	SAMPLE GRADE		NO. 5				
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE												
HIGH	8.5	9.5	19.5	12.5	17.5	18.5	18.5	17.5	18.5	18.5	19.5	19.5
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE	5403	2003	914	291	186	939	939	186	939	939	9741	1.1
TEST WEIGHT *	1374	683	483	210	117	129	129	117	129	129	2996	2.3
1971	914	284	144	51	303	119	119	303	119	119	1814	2.8
HIGH	55.7	51.7	51.7	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
LOW	47.2	45.2	43.2	40.2	36.2	35.2	35.2	36.2	35.2	35.2	35.2	35.2
AVERAGE	5406	2003	914	291	186	939	939	186	939	939	9740	48.2
1972	3246	884	591	299	131	183	183	131	183	183	5333	48.6
1971	3269	714	552	171	335	176	176	335	176	176	5216	49.2
MOISTURE CONTENT												
HIGH	15.7	16.0	16.0	16.0	15.0	18.4	18.4	15.0	18.4	18.4	18.4	18.4
LOW	8.4	8.4	8.6	9.8	8.4	9.3	9.3	8.4	9.3	9.3	8.4	8.4
AVERAGE	5220	1857	824	257	162	920	920	162	920	920	9243	12.5
1972	3095	860	591	294	126	180	180	126	180	180	5181	12.4
1971	3249	710	552	168	335	173	173	335	173	173	5196	12.2
HEAT DAMAGE												
HIGH	0.2	0.3	0.5	0.9	2.2	13.6	13.6	2.2	13.6	13.6	13.6	13.6
LOW	0.1	0.1	0.1	0.6	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1
AVERAGE	54	33	26	14	11	92	92	11	92	92	228	0.8
1972	3	15	12	17	3	21	21	3	21	21	71	1.1
1971	21	18	18	11	6	2	2	6	2	2	75	0.6
TOTAL DAMAGE												
HIGH	2.0	4.0	6.0	8.0	10.0	30.0	30.0	10.0	30.0	30.0	30.0	30.0
LOW	0.3	0.4	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
AVERAGE	29	102	129	84	27	140	140	27	140	140	510	6.4
1972	26	83	53	60	5	41	41	5	41	41	266	2.4
1971	14	63	101	89	14	18	18	14	18	18	297	2.4
FOREIGN MATERIAL												
HIGH	1.0	2.0	2.0	1.8	0.1	4.0	4.0	0.1	4.0	4.0	4.0	4.0
LOW	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
AVERAGE	26	50	30	26	2	8	8	2	8	8	140	1.0
1972	24	63	45	54	3	20	20	3	20	20	209	0.9
1971	14	41	77	81	5	11	11	5	11	11	227	0.4
SKINNED AND BROKEN												
HIGH	20.4	19.6	14.4	13.2	27.0	12.5	12.5	27.0	12.5	12.5	27.0	27.0
LOW	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
AVERAGE	2643	518	84	11	6	41	41	6	41	41	3305	8.3
1972	2285	324	107	44	3	15	15	3	15	15	2811	7.0
1971	2649	207	65	8	335	17	17	335	17	17	2957	7.3
THIN												
HIGH	10.0	15.0	25.0	35.0	75.0	90.0	90.0	75.0	90.0	90.0	90.0	90.0
LOW	4.2	0.2	1.0	1.0	1.5	0.6	0.6	1.5	0.6	0.6	0.6	0.6
AVERAGE	4878	1823	834	248	179	876	876	179	876	876	8838	7.1
1972	2300	780	151	236	128	156	156	128	156	156	4149	8.3
1971	2630	617	456	90	335	158	158	335	158	158	4286	11.5
SOUND												
HIGH	99.8	99.7	99.6	99.2	99.0	99.6	99.6	99.0	99.6	99.6	99.8	99.8
LOW	97.0	94.0	90.0	82.0	72.0	65.0	65.0	72.0	65.0	65.0	65.0	65.0
AVERAGE	2616	1175	459	129	116	510	510	116	510	510	5064	97.0
1972	920	645	414	177	110	89	89	110	89	89	2354	96.1
1971	137	389	335	125	302	56	56	302	56	56	1341	53.3

* TEST WEIGHT IN POUNDS.

MALTING BARLEY
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGES
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE				NO. 3				ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 3		NC.	PCT.
DOCKAGE	NC.	PCT.	NC.	PCT.	NC.	PCT.	NC.	PCT.		
		4.5		7.5		12.5		12.5		12.5
		0.0		0.0		0.0		0.0		0.0
AVERAGE	1973	392	2088	1.7	1640	1.7			4120	1.7
	1972	576	2642	1.9	2116	2.1			5334	2.0
	1971	406	1306	1.7	1222	1.7			2934	1.7
TEST WEIGHT *										
HIGH		55.2		54.7		54.2		54.2		55.2
		47.2		45.2		43.2		43.2		43.2
		50.2		48.7		48.7		48.7		48.9
AVERAGE	1973	1742	4776	48.1	3460	48.2		9978	48.9	48.4
	1972	1956	4796	49.5	3520	49.7		10272	48.4	49.8
	1971	1852	4128		3438			9418	49.8	
MOISTURE content										
HIGH		15.5		15.5		15.7		15.7		15.7
		8.8		8.8		9.5		9.5		8.8
		11.8		12.2		12.2		12.2		12.1
AVERAGE	1973	1732	4768	12.3	3458	12.3		9958	12.3	12.3
	1972	1956	4792	12.2	3520	12.2		10268	12.0	12.0
	1971	2024	4128		3438			9590	12.0	
TOTAL DAMAGE										
HIGH		0.0		3.0		4.0		4.0		4.0
		0.0		3.0		3.5		3.5		3.0
		0.0		3.0		3.8		3.8		3.5
AVERAGE	1973	0	4	0.0	6	0.0		10	0.0	0.0
	1972	0	0	0.0	0	0.0		0	0.0	0.0
	1971	0	26	1.7	16	2.6		42	2.1	2.1
SKINNED AND BROKEN										
HIGH		7.0		10.0		8.0		8.0		10.0
		0.0		1.0		0.8		0.8		0.0
		3.5		5.1		6.8		6.8		5.4
AVERAGE	1973	1458	4494	4.9	3274	6.7		9226	5.2	5.2
	1972	1684	4570	5.2	3338	7.1		9592	5.2	5.2
	1971	1804	4018		3376			9198	5.5	5.5
THIN										
HIGH		7.0		10.0		15.0		15.0		15.0
		0.4		0.2		0.2		0.2		0.2
		3.1		4.3		5.2		5.2		4.5
AVERAGE	1973	1372	4700	4.5	3450	5.4		9522	4.7	4.7
	1972	1362	4748	4.0	3514	4.1		9624	3.9	3.9
	1971	1626	4086		3416			9128		
SOUND										
HIGH		99.6		99.8		99.7		99.8		99.8
		97.0		94.6		92.0		92.0		92.0
		98.8		98.4		98.3		98.4		98.4
AVERAGE	1973	176	1002	98.2	820	97.9		1998	98.1	98.1
	1972	44	558		562			1164	97.6	97.6
	1971	32	122		78			232		

*TEST WEIGHT IN POUNDS.

WESTERN BARLEY
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGES
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES		
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5						
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	
DOCKAGE															
	HIGH	21.5	8.5	21.5	16.5	20.5	10.5	21.5							
	LOW	0.0	0.5	1.5	1.5	1.5	1.5	1.5							
	AVERAGE	1437	1.9	696	2.0	231	2.6	90	3.5	33	6.8	186	3.4	2673	0.0
TEST WEIGHT *															
	HIGH	56.5	55.5	55.5	53.5	52.5	57.5	57.5							
	LOW	35.5	39.5	44.0	42.5	43.5	41.5	35.5							
	AVERAGE	1209	48.0	432	49.5	135	48.6	42	46.7	24	48.4	123	49.2	1965	49.1
MOISTURE CONTENT															
	HIGH	15.0	15.0	14.8	15.0	14.0	22.4	22.4							
	LOW	8.0	8.0	8.0	7.5	8.2	9.0	7.5							
	AVERAGE	2544	10.7	1134	11.5	234	11.9	114	11.5	54	10.7	240	15.5	4335	11.3
HEAT DAMAGE															
	HIGH	0.0	0.0	0.0	0.0	0.0	5.0	5.0							
	LOW	0.0	0.0	0.0	0.0	0.0	1.7	1.7							
	AVERAGE	0	0.0	0	0.0	0	2.7	2.7	21	2.7	21	2.7	21	2.7	2.7
WILD OATS															
	HIGH	1.0	2.0	3.0	5.0	10.0	18.4	18.4							
	LOW	0.3	0.5	0.1	1.9	5.9	1.0	0.1							
	AVERAGE	48	6.7	105	7.5	63	2.5	36	9.4	15	7.1	27	9.4	297	2.9
FOREIGN MATERIAL															
	HIGH	63	0.9	621	1.6	216	2.7	177	4.2	96	6.7	15	8.5	1191	2.5
	LOW	0.5	1.0	2.0	3.0	3.8	10.0	10.0							
	AVERAGE	237	0.4	309	0.7	120	1.1	36	1.9	15	2.1	63	2.5	783	0.9
SKINNED AND BROKEN															
	HIGH	50.2	23.7	31.2	23.8	8.4	4.6	50.2							
	LOW	1.0	0.7	1.0	2.0	3.2	2.0	0.1							
	AVERAGE	2565	5.1	636	7.8	90	6.7	42	7.5	15	5.1	24	3.1	3375	5.7
THIN															
	HIGH	75.0	72.4	54.0	73.4	65.6	44.0	75.0							
	LOW	0.8	1.0	4.0	1.6	9.4	3.2	0.8							
	AVERAGE	2508	28.1	630	20.9	120	23.2	45	26.2	15	28.9	9	19.4	3330	23.5
SOUND															
	HIGH	99.6	99.4	99.0	96.0	93.0	99.0	99.6							
	LOW	98.0	96.0	93.0	88.0	76.0	76.0	76.0							
	AVERAGE	513	98.3	972	96.9	267	95.0	123	90.7	75	84.9	147	91.3	2112	95.8
BROKEN KERNELS															
	HIGH	3.0	6.0	10.0	14.0	14.6	6.0	14.6							
	LOW	0.3	1.0	1.0	1.0	2.0	0.6	0.3							
	AVERAGE	846	2.0	756	4.0	171	6.3	45	7.1	9	9.4	81	2.1	1917	3.3
	HIGH	585	2.1	915	4.0	204	6.0	42	6.2	21	6.4	24	3.9	1797	3.3
	LOW	882	2.0	1185	3.9	246	5.6	36	7.3	15	7.4	11	3.3	2394	3.0
	AVERAGE														

* TEST WEIGHT IN POUNDS.

CORN
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADE							SPECIAL GRADES AND CLASSES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	NEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	MIXED NUMBER	
ALABAMA	40	280	280	264	72	40	3152	8	3152	0	0	
ILLINOIS	488	5880	6544	5664	672	256	19648	16	19648	0	0	
INDIANA	96	976	728	816	184	96	2896	8	2824	0	72	
IOWA	424	9224	7936	5200	3528	2576	29040	144	28968	64	8	
KANSAS	16	304	440	80	8	24	872	0	848	24	0	
KENTUCKY	144	848	1312	1216	352	80	3952	48	3928	24	0	
MINNESOTA	800	7192	4760	1720	1008	576	16056	48	16056	0	0	
MISSOURI	40	648	1384	776	176	144	3176	0	3168	8	0	
NEBRASKA	744	9144	8392	6192	1520	624	27376	24	27352	16	8	
NEW YORK	32	120	168	48	16	64	448	0	448	0	0	
OHIO	208	1680	1240	1056	728	776	9128	184	9120	8	0	
PENNSYLVANIA	32	656	1048	576	368	160	2840	8	2840	0	0	
SOUTH CAROLINA	8	200	760	448	40	56	1512	1088	1512	0	0	
TENNESSEE	0	656	56	16	48	32	808	0	808	0	0	
VIRGINIA	48	344	984	2848	1840	296	6368	0	6368	0	0	
WISCONSIN	72	848	840	264	232	200	2472	0	2472	0	0	
ALL STATES	3192	39000	36872	27184	10792	6000	129744	1576	129512	144	88	
‡ 1973 CROP YEAR	2.6	31.7	30.0	22.1	8.8	4.9	100.0	1.2	99.8	0.1	0.1	
‡ 1972 CROP YEAR	3.2	28.6	29.2	17.0	15.5	6.6	100.0	1.5	98.9	0.8	0.4	
‡ 1971 CROP YEAR	4.8	34.6	33.5	16.0	6.3	4.8	100.0	0.7	98.4	1.3	0.3	

CORN The 1973 corn crop was of slightly higher quality with 64 percent grading U. S. No. 3 or better as compared to 61 percent the previous year. The greatest grade difference was that much more of the crop graded U. S. No. 4 with considerably less in U. S. No. 5 and Sample Grade. Test Weight per bushel was about the same as the previous year, while Moisture Content slightly decreased. Total Damage was higher than the previous two years.

CORN
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROPS
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH		60.7		61.2		59.7		59.7		58.7		58.7
LOW		56.2		54.2		52.2		49.2		48.2		46.2
AVERAGE	1973	3192	39000	55.8	36872	55.4	27184	55.3	10792	54.6	5984	54.0
	1972	2632	23840	56.1	24336	55.4	14152	55.2	12976	54.6	5512	53.5
	1971	4664	33880	56.2	32824	55.9	15664	55.6	6120	54.5	4688	53.6
MOISTURE CONTENT												
HIGH		14.0		15.5		17.5		20.0		23.0		37.5
LOW		9.3		7.5		9.0		10.7		10.0		8.5
AVERAGE	1973	3192	39000	14.6	36872	15.7	27184	17.6	10792	18.6	5984	18.4
	1972	2632	23840	14.6	24336	15.7	14152	17.3	12976	19.7	5512	21.0
	1971	4664	33880	14.7	32824	16.0	15664	17.7	6120	19.1	4688	20.2
HEAT DAMAGE												
HIGH		0.0		0.2		0.5		1.0		2.0		23.5
LOW		0.0		0.0		0.0		0.0		0.2		0.1
AVERAGE	1973	0	600	0.0	296	0.2	168	0.5	120	1.0	296	2.9
	1972	0	64	0.1	112	0.2	72	0.4	64	0.9	24	1.4
	1971	8	120	0.0	152	0.1	112	0.1	40	0.2	224	2.3
TOTAL DAMAGE												
HIGH		3.0		5.0		7.0		10.0		15.0		75.0
LOW		0.3		0.0		0.1		0.2		0.2		0.0
AVERAGE	1973	2760	34792	2.1	30760	2.4	17568	3.2	6864	5.6	4920	15.2
	1972	2288	21392	2.2	21840	2.4	10776	2.9	9528	2.8	4720	9.5
	1971	4072	30584	1.7	27160	1.7	11112	2.1	4648	3.3	4000	9.5
BRKN CORN AND FOR. MAT.												
HIGH		2.0		3.0		4.0		5.0		7.0		19.0
LOW		0.2		0.1		0.1		0.1		0.2		0.1
AVERAGE	1973	2848	36048	1.9	31192	2.2	18560	2.2	6952	3.1	4816	3.9
	1972	2328	22264	2.0	21584	2.5	10464	2.8	8256	2.8	4816	3.2
	1971	3936	29744	1.9	24968	2.1	10920	2.1	4968	2.7	4144	2.8

* TEST WEIGHT IN POUNDS.

CCFA TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

12

POUNDS	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
60.0 AND OVER	32	32	0	0	0	0	72
59.0 - 59.9	64	80	56	32	0	0	232
58.0 - 58.9	416	704	536	216	48	96	2032
57.0 - 57.9	920	3960	3672	2040	568	400	11696
56.0 - 56.9	1760	11376	10480	7216	1696	800	33728
55.0 - 55.9	0	14328	9656	8648	2432	896	36448
54.0 - 54.9	0	8520	6168	5440	2720	1120	24864
53.0 - 53.9	0	0	4824	2208	1800	832	10216
52.0 - 52.9	0	0	1480	816	1104	816	4776
51.0 - 51.9	0	0	0	448	296	480	1472
50.0 - 50.9	0	0	0	112	112	368	720
49.0 - 49.9	0	0	0	8	0	48	96
48.0 - 48.9	0	0	0	0	16	80	104
47.0 - 47.9	0	0	0	0	0	40	48
46.0 - 46.9	0	0	0	0	0	8	8
45.9 AND UNDER	0	0	0	0	0	0	8
NO INFORMATION	0	0	0	0	0	16	3224
MEAN 1973	57.0	55.8	55.4	55.3	54.6	54.0	55.4
MEAN 1972	57.4	56.1	55.4	55.2	54.6	53.5	55.3
MEAN 1971	57.3	56.2	55.9	55.6	54.5	53.6	55.8

CORN MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROPS
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					ALL GRADES NUMBER	
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		SAMPLE GRADE NUMBER
0.0 - 10.0	64	72	32	0	8	32	224
10.1 - 12.0	408	640	328	152	80	168	1904
12.1 - 13.0	672	1888	1024	560	432	408	5040
13.1 - 13.5	744	2288	1664	736	392	488	6368
13.6 - 14.0	1304	4416	2496	1432	808	704	11320
14.1 - 14.5	0	7384	2488	1320	744	488	12576
14.6 - 15.0	0	10560	2904	1104	672	536	15952
15.1 - 15.5	0	11752	2800	968	384	296	16368
15.6 - 16.5	0	0	12800	752	440	352	14672
16.6 - 17.5	0	0	10336	304	152	184	11488
17.6 - 18.5	0	0	0	9040	88	88	9880
18.6 - 20.0	0	0	0	10816	32	104	12240
20.1 - 23.0	0	0	0	0	6560	96	8104
23.1 - 25.0	0	0	0	0	0	1032	1344
25.1 - 27.5	0	0	0	0	0	632	840
27.6 - 30.0	0	0	0	0	0	288	464
30.1 - 32.5	0	0	0	0	0	80	152
32.6 - 35.0	0	0	0	0	0	0	64
35.1 - 40.0	0	0	0	0	0	8	16
40.1 AND OVER	0	0	0	0	0	16	728
NO INFORMATION	0	0	0	0	0	16	728
MEAN 1973	13.1	14.6	15.7	17.6	18.6	18.4	16.3
MEAN 1972	13.2	14.6	15.7	17.3	19.7	21.0	16.8
MEAN 1971	13.2	14.7	16.0	17.7	19.1	20.2	16.1

CORN TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROPS
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	32	0	0	0	0	32
0.1 - 1.0	1432	11200	10832	6888	1944	736	33128
1.1 - 2.0	872	9400	7712	3280	976	504	22880
2.1 - 2.5	200	2408	1608	696	288	72	5288
2.6 - 3.0	256	3568	2152	960	352	224	7680
3.1 - 3.5	0	1776	768	328	144	96	3160
3.6 - 4.0	0	2520	1472	576	192	144	4992
4.1 - 5.0	0	3888	2056	712	384	136	7376
5.1 - 6.0	0	0	1848	216	112	72	2304
6.1 - 7.0	0	0	2312	328	128	144	2976
7.1 - 8.0	0	0	0	1232	56	40	1352
8.1 - 10.0	0	0	0	2352	120	152	2712
10.1 - 12.0	0	0	0	0	920	104	1056
12.1 - 15.0	0	0	0	0	1248	120	1448
15.1 - 18.0	0	0	0	0	0	616	640
18.1 - 25.0	0	0	0	0	0	776	808
25.1 AND OVER	0	0	0	0	0	984	1000
NO INFORMATION	432	4208	6112	9616	3928	1080	30912
MEAN 1973	1.4	2.1	2.4	3.2	5.6	15.2	3.3
MEAN 1972	1.5	2.2	2.4	2.9	2.8	9.5	3.0
MEAN 1971	1.3	1.7	1.7	2.1	3.3	9.5	2.2

PECKEN CORN AND FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROPS
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	0	0	0	0	0	0
0.1 - 1.0	584	5664	5760	5960	1640	856	20976
1.1 - 1.5	728	5568	4520	2808	848	528	15680
1.6 - 2.0	1136	9912	5176	2416	808	616	21360
2.1 - 2.5	0	7360	3472	1240	424	528	13256
2.6 - 3.0	0	7544	3968	1344	440	392	13864
3.1 - 3.5	0	0	4136	544	192	120	5032
3.6 - 4.0	0	0	4160	576	264	200	5240
4.1 - 4.5	0	0	0	1944	56	120	2176
4.6 - 5.0	0	0	0	1728	136	192	2128
5.1 - 6.0	0	0	0	0	1448	152	1640
6.1 - 7.0	0	0	0	0	696	112	856
7.1 - 8.0	0	0	0	0	0	400	424
8.1 - 10.0	0	0	0	0	0	368	408
10.1 AND OVER	0	0	0	0	0	232	240
NO INFORMATION	344	2952	5680	8624	3840	1184	26464
MEAN 1973	1.4	1.9	2.2	2.2	3.1	3.9	2.2
MEAN 1972	1.3	2.0	2.5	2.8	2.8	3.2	2.5
MEAN 1971	1.3	1.9	2.1	2.1	2.7	2.8	2.1

FLAXSEED
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

16

STATES

U. S. GRADE

	NO. 1 NUMBER	NO. 2 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER
MINNESOTA	3426	418	124	3968
MONTANA	30	0	0	30
NORTH DAKOTA	164	48	8	220
SOUTH DAKOTA	82	2	0	84
TEXAS	60	0	0	60
WISCONSIN	30	2	0	32
ALL STATES	3792	470	132	4394
Σ 1973 CROP YEAR	86.3	10.7	3.0	100.0
Σ 1972 CROP YEAR	94.0	2.8	3.2	100.0
Σ 1971 CROP YEAR	93.9	3.4	2.7	100.0

FLAXSEED
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGES
ALL INSPECTIONS
ALL STATES

QUALITY
FACTOR

U. S. GRADE

	NO. 1 NO.	PCT.	NO. 2 NO.	PCT.	SAMPLE GRADE NO.	PCT.	ALL GRADES AC.	PCT.
DOCKAGE								
HIGH		31.0		32.0		31.0		32.0
LOW		0.0		1.0		1.0		0.0
AVERAGE	1973	3792 6.8	470 6.9		132 8.5		4394	6.8
	1972	3330 6.6	98 9.6		114 9.0		3342	6.8
	1971	3168 6.7	114 7.2		92 8.5		3374	6.8
TEST WEIGHT *								
HIGH		53.2		50.7		52.2		53.2
LOW		48.2		47.2		43.2		43.2
AVERAGE	1973	3792 50.3	470 48.3		132 46.0		4394	50.0
	1972	3336 50.4	98 48.5		114 46.8		3348	50.3
	1971	3168 50.5	114 48.4		92 46.5		3374	50.4
MOISTURE CONTENT								
HIGH		9.5		9.5		11.3		11.3
LOW		5.0		6.2		6.5		5.0
AVERAGE	1973	3762 7.5	470 8.4		132 8.3		4364	7.7
	1972	3296 7.7	98 8.3		114 8.2		3308	7.8
	1971	3150 7.4	114 8.0		92 8.3		3356	7.4
HEAT DAMAGE								
HIGH		0.0		0.5		3.0		3.0
LOW		0.0		0.3		0.8		0.3
AVERAGE	1973	0 0.0	8 0.4		12 1.0		20	1.0
	1972	0 0.2	0 0.0		28 3.0		30	2.8
	1971	4 0.1	12 0.4		12 0.6		28	0.5

*TEST WEIGHT IN POUNDS.

FLAXSEED MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER		
6.9 AND UNDER	960	8	4	972
7.0 - 7.4	924	34	2	960
7.5 - 7.9	772	56	4	832
8.0 - 8.5	732	170	22	924
8.6 - 9.0	278	128	10	416
9.1 - 9.5	96	74	10	180
9.6 - 10.0	0	0	62	62
10.1 - 10.5	0	0	12	12
10.6 - 11.0	0	0	4	4
11.1 - 11.5	0	0	2	2
11.6 - 12.0	0	0	0	0
12.1 - 13.0	0	0	0	0
13.1 AND OVER	0	0	0	0
NO INFORMATION	30	0	0	30
MEAN 1973	7.5	8.4	9.3	7.7
MEAN 1972	7.7	8.3	9.2	7.8
MEAN 1971	7.4	8.0	8.3	7.4

FLAXSEED The 1973 crop was of lower quality with 86 percent grading U. S. No. 1 as compared with 94 percent the past two years. Test weight per bushel decreased.

GRAIN SORGHUM
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADE					SPECIAL GRADES AND CLASSES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	OTHER NUMBER
COLORADO	14	63	245	42	28	392	14	392	0	0
KANSAS	14	924	3456	2331	1428	12404	14	12397	0	7
MISSOURI	0	707	1596	973	84	3360	0	3346	0	14
NEBRASKA	63	1743	6062	3822	1435	16563	35	16576	0	7
OKLAHOMA	0	7	21	7	14	49	0	49	0	0
TEXAS	882	12411	9737	3038	2814	38360	119	38346	0	14
ALL STATES	973	15855	21119	10213	5803	71148	182	71106	0	42
% 1973 CROP YEAR	1.8	29.4	39.1	18.9	10.8	100.0	0.3	99.9	0.0	0.1
% 1972 CROP YEAR	2.4	41.7	30.3	21.4	4.1	100.0	0.6	99.3	0.1	0.7
% 1971 CROP YEAR	2.4	51.5	25.2	15.9	5.0	100.0	1.1	96.4	0.1	3.4

GRAIN SORGHUM The 1973 crop was of lower quality with 31 percent grading U. S. No. 2 or better as compared with 44 percent for the 1972 crop and 54 percent in 1971. Test Weight per bushel and Moisture Content decreased. There was more Total Damage in 1973 than a year earlier.

GRAIN SORGHUM MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
10.0 AND UNDER	7	42	21	0	0	70
10.1 - 11.0	21	70	84	35	28	245
11.1 - 12.0	231	609	630	119	161	1806
12.1 - 13.0	714	3178	2023	665	579	7434
13.1 - 14.0	0	11942	6370	1743	1904	22232
14.1 - 15.0	0	0	11991	1274	1449	14910
15.1 - 16.0	0	0	0	4452	707	5257
15.1 - 17.0	0	0	0	1463	315	1862
17.1 - 18.0	0	0	0	455	210	707
18.1 - 19.0	0	0	0	0	154	168
19.1 - 20.0	0	0	0	0	91	98
20.1 - 21.0	0	0	0	0	56	56
21.1 - 22.0	0	0	0	0	21	28
22.1 AND OVER	0	0	0	0	28	28
NO INFORMATION	0	14	0	7	0	16247
MEAN 1973	12.4	13.4	14.0	15.1	14.6	14.1

GRAIN SORGHUM

RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGES
ALL INSPECTIONS
ALL STATES

QUALITY
FACTORS

U. S. GRADE

	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE		ALL GRADES	
	NC.	PCT.	NC.	PCT.	NC.	PCT.	NO.	PCT.	NC.	PCT.	NC.	PCT.
DOCKAGE												
HIGH		0.0		3.0		2.0		4.7		9.0		9.0
LOW		0.0		0.0		0.0		0.0		1.0		0.0
AVERAGE	1973	70	350	0.4	308	0.8	119	1.2	161	1.9	1022	0.9
	1972	0	42	1.2	42	1.0	7	1.0	28	2.5	119	1.4
	1971	0	49	1.0	56	1.1	49	1.0	63	1.0	217	1.0
TEST WEIGHT *												
HIGH		59.7		60.8		61.2		60.2		59.2		61.2
LOW		57.2		55.2		53.2		51.2		41.7		41.7
AVERAGE	1973	973	15834	57.1	21119	55.8	10213	54.8	5796	53.6	54362	55.8
	1972	1169	20223	57.5	14672	57.4	10388	57.5	1995	55.3	48846	57.4
	1971	1414	29792	57.3	14574	57.1	9219	56.8	2891	55.3	57925	57.1
MOISTURE CONTENT												
HIGH		13.0		14.0		15.0		18.0		28.0		28.0
LOW		9.0		9.6		9.9		10.5		10.4		9.0
AVERAGE	1973	973	15841	13.4	21119	14.0	10206	15.1	5803	14.6	54901	14.1
	1972	1176	20174	13.4	14637	14.4	10360	16.0	1974	16.9	48363	14.4
	1971	1414	29729	13.4	14525	14.4	9212	15.5	2891	15.6	57813	14.1
HEAT DAMAGE												
HIGH		0.0		0.0		0.0		0.3		9.0		9.0
LOW		0.0		0.0		0.0		0.3		0.8		0.3
AVERAGE	1973	0	0	0.0	0	0.0	7	0.3	28	3.7	35	3.0
	1972	0	7	0.3	0	0.0	0	0.0	0	0.0	7	0.3
	1971	0	7	0.2	7	0.7	0	0.0	7	1.0	21	0.6
TOTAL DAMAGE												
HIGH		1.9		5.0		10.0		15.0		50.0		50.0
LOW		0.0		0.5		0.5		0.5		0.6		0.0
AVERAGE	1973	42	10115	3.6	17486	5.5	8862	7.2	5488	18.5	59115	7.9
	1972	42	7378	3.4	5715	4.9	3052	3.7	798	11.1	25298	5.4
	1971	133	6020	2.2	3290	2.4	2037	2.8	1309	12.5	12789	3.4
BRKN KRP. FM & OTH. GR.												
HIGH		4.0		8.0		12.0		14.5		20.0		20.0
LOW		1.3		1.0		0.8		0.5		0.5		0.5
AVERAGE	1973	833	5922	4.6	12586	5.4	7546	5.2	3297	4.9	30870	5.1
	1972	462	6622	4.5	6559	4.0	7994	4.0	1456	4.0	23107	4.1
	1971	1071	15974	4.2	10073	4.2	7336	3.8	1687	4.4	36155	4.1

* TEST WEIGHT IN POUNDS.

GRAIN SORGHUM TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

20

PERCENT

	NO. 1 NUMBER	U. S. GRADE		NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	7	0	0	0	0	84
0.1 - 1.0	14	329	385	511	28	1526
1.1 - 2.0	21	854	1344	931	182	4235
2.1 - 2.5	0	784	553	139	28	1904
2.6 - 3.0	0	1806	1554	665	77	4921
3.1 - 3.5	0	637	538	224	28	1855
3.6 - 4.0	0	1988	1722	595	203	5929
4.1 - 5.0	0	3717	3542	1183	301	11305
5.1 - 6.0	0	0	1120	378	91	2387
6.1 - 7.0	0	0	1995	448	98	3731
7.1 - 8.0	0	0	1813	343	119	3234
8.1 - 10.0	0	0	2870	651	252	5551
10.1 - 12.0	0	0	0	889	84	1827
12.1 - 15.0	0	0	0	1855	252	3521
15.1 - 18.0	0	0	0	0	333	1820
18.1 - 25.0	0	0	0	0	1659	2870
25.1 AND OVER	0	0	0	0	1253	2415
NO INFORMATION	931	5740	3633	1351	315	12033
MEAN 1973	1.0	3.6	5.5	7.2	18.5	7.9

OATS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROPS
ALL INSPECTIONS

STATES	U. S. GRADE										SPECIAL GRADES AND CLASSES					
	NO. 1 *HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 HEAVY NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	KEEV- ILY NUMBER	THIN NUMBER	WHITE NUMBER	CTFR NUMBER	
ILLINOIS	24	6	12	3	3	0	0	0	3	51	0	3	0	51	0	
IDAHO	324	3	459	27	168	18	42	6	12	1062	12	42	0	1053	9	
MINNESOTA	1644	138	1761	264	684	111	315	69	216	5202	72	186	0	5160	42	
MISSOURI	165	0	144	0	9	3	3	0	3	327	0	3	0	324	3	
NEBRASKA	18	12	15	6	0	0	12	0	0	63	0	0	0	63	0	
NEW YORK	3	0	3	0	3	3	3	0	0	15	9	0	0	15	0	
NORTH DAKOTA	495	36	468	51	183	12	57	15	27	1344	0	0	0	1344	0	
OHIO	27	6	36	12	0	15	6	0	12	318	183	3	0	306	12	
SOUTH DAKOTA	450	15	231	18	54	6	27	0	0	804	0	6	0	804	0	
WISCONSIN	267	6	654	15	210	15	72	6	126	1371	18	33	0	1371	0	
ALL STATES	3417	222	3783	396	1314	183	537	96	399	10557	294	276	0	10491	66	
7 1973 CROP YEAR	33.0	2.1	36.6	3.8	12.7	1.8	5.2	0.9	3.9	100.0	2.6	2.6	0.0	99.4	0.6	
7 1972 CROP YEAR	25.0	3.4	32.4	6.5	14.2	4.3	4.7	2.8	6.6	100.0	2.0	1.4	0.0	99.7	0.3	
7 1971 CROP YEAR	40.0	1.9	33.7	2.7	13.0	1.4	3.8	0.6	2.8	100.0	1.4	0.8	0.0	99.3	0.7	

*INCLUDES HEAVY AND EXTRA HEAVY

OATS The 1973 crop was of higher quality with 76 percent grading U. S. No. 2 or better as compared with 67 percent the previous year. Test weight per bushel was almost one pound heavier than a year earlier. There was less Foreign Material and a higher percentage of Sound Oats than a year earlier. Tough Oats increased from 2.0 percent to 2.8 percent.

CATS

RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE	ALL GRADES	
	NO. 1 HEAVY	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 4 HEAVY	NO. 4 PCT.	NO. 4	NO. 4 PCT.	NO. PCT.	NO. PCT.	NO. PCT.
TEST WEIGHT *													
HIGH	43.2	35.7	43.7	35.7	43.2	35.7	42.7	35.7	35.7	42.7	42.2	43.7	43.7
LOW	36.2	34.2	36.2	32.2	36.2	32.2	36.2	28.2	28.2	36.2	28.2	28.2	28.2
AVERAGE	3417 38.9	222 35.1	3783 38.9	356 34.3	1314 38.8	183 33.7	537 38.9	96 33.6	96 33.6	399 37.8	10557 36.4	36.4	36.4
1973	2058 38.6	282 35.1	2667 38.6	534 34.4	1167 38.8	351 33.4	390 38.8	228 32.5	228 32.5	546 35.0	8223 37.6	37.6	37.6
1972	4652 39.0	222 35.1	3957 39.0	318 34.5	1530 39.0	165 33.7	447 39.0	75 33.5	75 33.5	330 37.9	11736 38.7	38.7	38.7
1971													
MOISTURE CONTENT													
HIGH	15.0	14.0	16.0	16.0	15.0	15.4	15.3	14.4	14.4	16.9	20.0	20.0	20.0
LOW	9.5	10.2	8.1	10.2	9.7	10.0	9.0	10.2	10.2	10.2	8.1	8.1	8.1
AVERAGE	3417 11.7	222 12.3	3780 11.9	396 12.1	1314 12.0	183 12.6	537 12.1	96 12.5	96 12.5	399 12.5	10551 12.0	12.0	12.0
1973	2058 11.8	282 12.3	2667 11.9	534 12.1	1167 12.0	351 12.1	390 12.1	228 12.0	228 12.0	546 12.3	8223 12.0	12.0	12.0
1972	4652 11.4	222 11.7	3957 11.5	318 11.9	1527 11.8	165 12.3	447 11.8	75 12.1	75 12.1	330 12.5	11733 11.6	11.6	11.6
1971													
HEAT DAMAGE													
HIGH	0.1	0.0	0.3	0.0	1.0	0.9	3.0	1.0	1.0	10.0	10.0	10.0	10.0
LOW	0.1	0.0	0.1	0.0	0.4	0.9	1.3	1.0	1.0	0.2	0.1	0.1	0.1
AVERAGE	3 0.1	0 0.0	24 0.2	0 0.0	21 0.6	3 0.9	30 2.0	3 1.0	3 1.0	51 1.9	135 1.3	1.3	1.3
1973	0 0.0	3 0.1	21 0.2	0 0.0	59 0.3	3 0.1	21 1.2	0 0.0	0 0.0	39 2.8	186 0.9	0.9	0.9
1972	6 0.1	0 0.0	59 0.2	0 0.0	27 0.6	0 0.0	12 1.5	0 0.0	0 0.0	27 6.4	171 1.3	1.3	1.3
1971													
WIND CATS													
HIGH	0.8	0.0	1.0	0.0	1.0	0.0	3.0	0.0	0.0	2.2	3.0	3.0	3.0
LOW	0.8	0.0	0.2	0.0	1.0	0.0	3.0	0.0	0.0	0.2	0.2	0.2	0.2
AVERAGE	3 0.8	0 0.0	6 0.6	0 0.0	3 1.0	0 0.0	3 3.0	0 0.0	0 0.0	9 0.9	24 1.1	1.1	1.1
1973	0 0.0	0 0.0	12 2.4	0 0.0	90 3.1	0 0.0	0 6.0	0 0.0	0 0.0	3 1.0	105 2.9	2.9	2.9
1972	0 0.0	0 0.0	3 1.6	0 0.0	15 3.7	0 0.0	15 6.8	0 0.0	0 0.0	0 0.0	33 4.9	4.9	4.9
1971													
FOREIGN MATERIAL													
HIGH	2.0	2.0	3.0	3.0	4.0	4.0	5.0	5.0	5.0	21.0	21.0	21.0	21.0
LOW	0.2	0.3	0.2	0.2	0.2	0.5	0.4	0.4	0.4	0.2	0.2	0.2	0.2
AVERAGE	3369 1.0	207 1.1	3756 1.6	384 1.8	1308 2.2	168 2.6	531 2.8	96 3.1	96 3.1	381 4.7	10206 1.7	1.7	1.7
1973	2007 1.1	276 1.2	2631 1.3	528 2.1	1158 2.6	342 3.1	390 3.3	228 4.0	228 4.0	525 6.2	8085 2.2	2.2	2.2
1972	4521 1.0	204 1.0	3835 1.6	306 1.6	1518 2.3	162 2.5	444 3.1	75 3.2	75 3.2	315 4.8	11430 1.6	1.6	1.6
1971													
SOUND													
HIGH	99.5	99.5	98.5	98.7	99.3	99.0	99.0	98.8	98.8	98.0	99.5	99.5	99.5
LOW	97.0	97.0	94.0	94.0	90.0	90.0	80.0	85.5	85.5	57.0	57.0	57.0	57.0
AVERAGE	3408 97.7	216 97.8	3771 95.6	396 96.0	1311 93.0	183 94.4	537 88.9	96 91.4	96 91.4	396 87.1	10320 95.3	95.3	95.3
1973	2043 97.7	270 97.7	2658 95.5	534 95.9	1167 92.9	351 94.2	387 89.2	228 93.1	228 93.1	543 88.9	8181 94.9	94.9	94.9
1972	4680 97.7	222 97.7	3951 95.5	318 95.9	1527 93.2	165 93.4	447 88.6	75 89.1	75 89.1	330 87.0	11715 95.6	95.6	95.6
1971													

* TEST WEIGHT IN POUNDS.

RYE
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U.S. GRADE				SPECIAL GRADES					
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEAV- ILY NUMBER	ERGCTY NUMBER	PLUMP NUMBER
MINNESOTA	1200	932	162	63	56	2414	81	105	14	1650
NEBRASKA	35	9	0	0	2	45	0	0	0	35
NORTH DAKOTA	72	17	6	0	0	95	0	0	0	54
SOUTH DAKOTA	374	284	45	8	9	719	0	63	0	528
WASHINGTON	9	2	5	2	0	17	0	0	2	11
WISCONSIN	470	287	65	17	30	867	11	53	2	492
ALL STATES	2159	1529	282	89	96	4155	92	221	17	2769
% 1973 CROP YEAR	52.0	36.8	6.8	2.1	2.3	100.0	2.2	5.3	0.4	66.6
% 1972 CROP YEAR	37.3	51.4	9.6	0.8	0.9	100.0	7.0	0.5	0.7	75.4
% 1971 CROP YEAR	59.1	33.9	5.3	1.3	0.4	100.0	3.5	0.0	2.4	60.7

RYE The percent of the 1973 crop grading U. S. No. 2 or better remained about the same with 89 percent both years but much more of the 1973 crop was of U. S. No. 1 grade than a year ago. Test Weight per bushel was up, while Moisture Content was down. Ergoty Rye decreased from 2.4 percent in 1971 and .7 percent in 1972 to .4 percent in 1973.

RYE

RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE				SAMPLE GRADE				ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 4	
	NC.	PCT.	NC.	PCT.	NC.	PCT.	NC.	PCT.	NC.	PCT.
DOCKAGE										
HIGH		10.0		9.5		6.5		12.5		7.5
LOW		0.0		1.0		1.0		1.5		1.5
AVERAGE	1973	573	1.8	425	117	2.2	47	2.6	53	2.4
	1972	245	1.7	345	134	2.6	14	3.1	8	3.1
	1971	561	1.7	396	78	3.1	18	4.3	8	1.9
TEST WEIGHT *										
HIGH		60.5		60.8		61.2		57.0		59.0
LOW		56.0		54.0		52.0		50.5		47.5
AVERAGE	1973	2159	57.1	1529	282	53.2	89	53.8	96	53.8
	1972	788	57.3	1085	203	53.6	17	52.7	18	53.9
	1971	1979	57.2	1134	179	54.3	42	53.2	14	52.8
MOISTURE										
HIGH		14.9		16.0		15.5		15.5		15.2
LOW		9.7		9.5		10.0		10.2		11.0
AVERAGE	1973	2150	12.1	1527	278	12.6	87	12.9	96	12.7
	1972	788	12.6	1085	203	13.1	17	13.5	18	13.8
	1971	1874	11.9	1095	168	12.7	38	13.2	14	14.9
HEAT DAMAGE										
HIGH		0.0		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0		0.0
AVERAGE	1973	0	0.0	0	0	0.0	0	0.0	0	0.0
	1972	0	0.0	0	0	0.0	0	0.0	0	0.0
	1971	0	0.0	0	0	0.0	0	0.0	0	0.0
TOTAL DAMAGE										
HIGH		2.0		4.0		7.0		15.0		30.0
LOW		0.1		0.3		0.3		2.3		0.8
AVERAGE	1973	71	0.7	117	95	5.0	62	5.8	44	15.2
	1972	47	0.6	80	57	4.4	6	9.3	14	15.2
	1971	45	0.5	33	39	2.1	23	7.0	11	6.2
FOREIGN MATERIAL										
HIGH		3.0		5.0		9.5		4.0		12.0
LOW		0.2		0.2		0.3		0.0		0.3
AVERAGE	1973	507	0.9	297	72	2.4	17	1.1	30	1.9
	1972	308	1.0	147	23	2.9	5	5.4	2	2.3
	1971	530	0.8	255	65	3.3	18	1.7	11	3.8
FOR. MAT. NOT WHEAT										
HIGH		1.0		2.0		4.0		5.4		7.0
LOW		0.2		0.2		0.2		0.0		0.3
AVERAGE	1973	195	0.6	173	41	1.9	17	2.2	21	1.4
	1972	197	0.7	90	26	2.4	6	4.6	2	1.4
	1971	342	0.6	266	77	1.9	24	2.4	9	3.1
THIN										
HIGH		10.0		14.4		25.0		38.8		25.0
LOW		0.7		0.6		0.5		1.3		1.7
AVERAGE	1973	1899	4.7	1233	248	6.5	68	7.8	78	5.1
	1972	719	4.3	806	134	6.5	14	12.0	11	4.0
	1971	1670	4.9	845	149	6.8	36	9.1	12	3.9

*TEST WEIGHT IN POUNDS.

SOYBEANS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES

U. S. GRADE

	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER
ALABAMA	322	2114	2212	1204	812	6706
ARKANSAS	210	798	742	378	126	2254
ILLINOIS	5124	14616	6818	3220	1512	37142
INDIANA	1078	2366	1596	476	140	5656
IOWA	14280	11102	3682	1610	644	31360
KANSAS	70	1106	532	294	280	2352
KENTUCKY	98	364	336	210	70	1092
MINNESOTA	29008	11508	4340	1750	700	47306
MISSISSIPPI	303	826	294	266	168	1862
MISSOURI	336	2282	1344	630	322	4970
NEBRASKA	308	3668	1008	434	210	6356
OHIO	4172	7910	4074	1526	714	20622
SOUTH CAROLINA	98	784	630	402	434	4508
TENNESSEE	154	854	826	322	140	2296
TEXAS	28	14	504	812	812	2170
VIRGINIA	2030	5250	1736	434	168	9618
ALL STATES	57624	65562	30674	14028	7252	186270
% 1973 CROP YEAR	32.9	37.4	17.5	8.0	4.1	100.0
% 1972 CROP YEAR	19.4	34.3	29.7	11.5	5.2	100.0
% 1971 CROP YEAR	12.6	38.0	30.7	11.4	7.2	100.0

SOYBEANS The 1973 crop was of higher quality with 70 percent grading U. S. No. 2 or better as compared with 54 percent in 1972 and 51 percent for the 1971 crop. Test Weight increased while Moisture Content decreased. Total Damage decreased.

SCYPERANS
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

U. S. GRADE

QUALITY FACTOR	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE		ALL GRADES	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
TEST WEIGHT *												
HIGH		59.7		60.2		59.2		59.7		60.2		60.2
LOW		56.2		54.2		52.2		49.2		44.7		44.7
AVERAGE	1973	57624		65548		30674		14028		7224		178598
	1972	26852		47516		41188		15960		7238		143346
	1971	16450		49406		39970		14812		9422		130200
MOISTURE												
CONTENT												
HIGH		13.0		14.0		16.0		18.0		20.0		20.0
LOW		8.0		8.2		9.0		9.4		9.5		8.0
AVERAGE	1973	57624		65562		30674		14028		7238		185738
	1972	26852		47530		41188		15960		6454		160874
	1971	16450		49406		39970		14812		9394		140952
HEAT DAMAGE												
HIGH		0.2		0.5		1.0		1.7		15.0		15.0
LOW		0.2		0.1		0.1		0.2		0.1		0.1
AVERAGE	1973	28		168		238		154		3.1		756
	1972	0		140		126		98		1.8		630
	1971	14		112		196		140		2.5		840
TOTAL DAMAGE												
HIGH		2.0		3.0		5.0		8.0		24.0		33.0
LOW		0.1		0.0		0.2		0.3		0.3		0.0
AVERAGE	1973	8330		26222		13328		7406		4326		64078
	1972	5208		20552		22708		10738		4298		68362
	1971	2898		15904		16184		8274		6412		52024
FOREIGN MATERIAL												
HIGH		1.0		2.0		3.0		5.0		19.9		19.9
LOW		0.1		0.1		0.1		0.1		0.2		0.1
AVERAGE	1973	57512		65450		30534		14000		7252		185178
	1972	26754		47418		41076		15904		7140		161196
	1971	16436		49364		39914		14812		9408		140896
BROWN, BLACK, BICOLORED												
HIGH		0.0		0.0		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1973	14		0		0		0		0		14
	1972	28		14		168		84		70		364
	1971	0		0		28		0		0		28
SPLITS												
HIGH		10.0		20.0		30.0		40.0		60.0		60.0
LOW		0.2		0.8		0.3		1.0		1.0		0.2
AVERAGE	1973	54110		59710		26586		12166		6342		159782
	1972	25368		44002		37352		14448		6370		129248
	1971	14280		44128		36078		3356		8526		116368

* TEST WEIGHT IN POUNDS.

SOYBEANS TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
60.0 AND OVER	0	14	0	0	42	56
59.0 - 59.9	140	70	70	210	126	616
58.0 - 58.9	6328	1932	966	504	336	10094
57.0 - 57.9	27174	11676	3724	1806	1316	46032
56.0 - 56.9	23982	21350	9884	4116	1750	62006
55.0 - 55.9	0	24080	9800	4004	1498	40040
54.0 - 54.9	0	6426	4060	1946	924	13720
53.0 - 53.9	0	0	1694	798	560	3248
52.0 - 52.9	0	0	476	308	378	2156
51.0 - 51.9	0	0	0	266	182	448
50.0 - 50.9	0	0	0	56	56	112
49.0 - 49.9	0	0	0	14	28	42
48.9 AND UNDER	0	0	0	0	28	28
NO INFORMATION	0	14	0	0	28	7672
MEAN 1972	57.1	56.1	55.8	55.7	55.7	56.3
MEAN 1972	57.0	56.1	55.5	55.2	55.3	55.9
MEAN 1971	56.9	55.8	55.2	55.1	54.2	55.6

SOYBEANS MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NC. 1 NUMBER	NC. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
10.0 AND UNDER	182	238	84	58	28	826
10.1 - 12.0	33656	20342	4788	2800	1190	65366
12.1 - 13.0	23786	20468	5418	3766	2142	59108
13.1 - 13.5	0	14042	1974	1498	910	19460
13.6 - 14.0	0	10472	1736	1176	938	15302
14.1 - 14.5	0	0	7112	980	518	9310
14.6 - 15.0	0	0	4956	602	462	6510
15.1 - 15.5	0	0	3052	406	280	4186
15.6 - 16.0	0	0	1554	392	280	2520
16.1 - 16.5	0	0	0	1190	140	1386
16.6 - 17.5	0	0	0	686	84	882
17.6 - 18.0	0	0	0	280	28	406
18.1 - 20.0	0	0	0	154	42	224
20.1 AND OVER	0	0	0	0	196	252
NO INFORMATION	0	0	0	0	0	476
MEAN 1972	11.9	12.6	13.8	13.7	13.6	12.7
MEAN 1972	12.2	13.0	14.2	14.8	15.3	13.7
MEAN 1971	11.6	12.6	14.0	14.2	14.6	13.3

SCYBEANS SPLITS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	0	0	0	0	0	0
0.1 - 2.0	6230	3794	1904	756		266	12950
2.1 - 4.0	23240	14028	6426	2016		770	46634
4.1 - 6.0	13174	13762	6272	2506		1162	36988
6.1 - 8.0	7504	10486	4396	1932		1120	25508
8.1 - 10.0	3962	6762	2450	1582		770	15652
10.1 - 12.0	0	4032	1358	714		504	6720
12.1 - 14.0	0	3024	1036	672		532	5348
14.1 - 16.0	0	1708	728	840		350	3668
16.1 - 18.0	0	1400	686	532		308	2954
18.1 - 20.0	0	714	518	294		280	1806
20.1 - 25.0	0	0	588	196		112	980
25.1 - 30.0	0	0	224	42		112	434
30.1 - 35.0	0	0	0	56		42	98
35.1 - 40.0	0	0	0	28		0	28
40.1 AND OVER	0	0	0	0		14	14
NO INFORMATION	3514	5852	4088	1862		910	26488
MEAN 1973	4.8	7.2	7.5	8.7		9.9	6.7
MEAN 1972	5.3	6.9	6.4	7.0		7.7	6.5
MEAN 1971	6.4	8.4	7.9	9.1		11.1	8.3

SCYBEANS TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	28	0	0	0	28
0.1 - 0.5	2870	6048	2198	658	266	12250
0.6 - 1.0	3052	10808	5306	2632	1386	23478
1.1 - 1.5	1428	4480	1904	1302	518	10906
1.6 - 2.0	980	3864	2016	1050	560	10080
2.1 - 2.5	0	546	350	294	238	1722
2.6 - 3.0	0	448	308	196	168	1358
3.1 - 3.5	0	0	392	112	28	630
3.6 - 4.0	0	0	406	126	98	714
4.1 - 4.5	0	0	154	56	98	378
4.6 - 5.0	0	0	294	238	98	700
5.1 - 6.0	0	0	0	434	126	658
6.1 - 7.0	0	0	0	182	140	350
7.1 - 8.0	0	0	0	126	140	280
8.1 - 9.0	0	0	0	0	168	210
9.1 - 10.0	0	0	0	0	126	126
10.1 AND OVER	0	0	0	0	168	210
NO INFORMATION	49294	39340	17346	6622	2926	122192
MEAN 1973	0.9	1.1	1.4	2.0	3.1	1.4
MEAN 1972	0.8	1.4	2.1	2.8	4.2	2.0
MEAN 1971	0.7	1.0	2.2	3.0	9.6	2.9

SCYBEANS FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	U. S. GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER			
0.0	0	0	0	0		0	0
0.1 - 0.2	4270	1204	378	56		14	6090
0.3 - 0.4	11592	4214	1288	252		14	17892
0.5 - 0.6	12096	5096	1820	140		28	19600
0.7 - 0.8	13398	8162	2870	294		28	25704
0.9 - 1.0	16156	12474	3584	448		140	34748
1.1 - 1.2	0	3052	602	56		0	4186
1.3 - 1.4	0	10696	1736	224		112	13748
1.5 - 1.6	0	6524	1162	224		98	8792
1.7 - 1.8	0	6216	1288	254		14	8274
1.9 - 2.0	0	7812	1624	140		84	10360
2.1 - 2.5	0	0	7098	322		84	8246
2.6 - 3.0	0	0	7084	294		84	8050
3.1 - 3.5	0	0	0	3206		42	3486
3.6 - 4.0	0	0	0	4172		70	4466
4.1 - 4.5	0	0	0	1834		42	2044
4.6 - 5.0	0	0	0	2044		98	2296
5.1 - 6.0	0	0	0	0		2114	2310
6.1 AND OVER	0	0	0	0		4186	4886
NO INFORMATION	112	112	140	28		0	1092
MEAN 1973	0.6	1.2	1.8	3.5		7.1	1.6
MEAN 1972	0.6	1.1	1.5	2.8		5.0	1.5
MEAN 1971	0.7	1.2	1.7	3.2		5.1	1.8

DURUM WHEAT
 RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE	ALL GRADES	
	NO. 1 HEAVY	NO. 1 NO. PCT.	NO. 2 HEAVY	NO. 2 NO. PCT.	NO. 3 HEAVY	NO. 3 NO. PCT.	NO. 4 NO. PCT.	NO. 5 NO. PCT.	NO. 5 NO. PCT.	NO. 5 NO. PCT.	NO. PCT.	NO.	PCT.
PACKAGE HIGH LOW AVERAGE	8.2	4.7	4.7	15.2	6.2	8.7	6.2	7.7	5.2	16.7	5.2		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	1954	0.7	838	0.9	772	0.9	1020	1.2	136	1.2	96	1.3	5294
	1860	1.1	968	1.3	820	1.4	976	1.5	130	1.2	114	1.7	5676
TEST WEIGHT *	2142	1.0	866	1.1	874	1.2	868	1.4	144	1.5	80	1.7	5350
	65.0	61.9	64.5	61.8	64.3	61.8	63.7	62.8	63.0	65.0	63.0		
	62.0	60.0	62.0	58.0	62.0	56.0	57.0	56.3	54.0	54.0	54.0		
	1962	62.9	838	61.2	772	62.5	1020	60.8	136	62.7	96	60.1	5294
MOISTURE CONTENT	2928	62.9	1294	61.0	1004	62.6	1120	60.5	162	62.7	146	59.9	7586
	3732	63.0	1298	61.1	1174	62.8	1166	60.7	184	62.7	242	61.7	8268
	18.6	14.4	13.7	16.0	13.0	14.9	14.5	13.5	15.0	18.6	15.0		
	8.9	9.5	9.2	9.4	9.7	9.7	9.8	11.0	10.0	8.8	10.0		
TOTAL DAMAGE	1890	11.8	824	12.2	758	11.7	1010	12.1	136	11.5	174	12.0	5174
	2836	11.9	1248	12.7	970	11.6	1102	12.3	158	11.4	268	11.9	7370
	3676	11.7	1242	12.5	1156	11.5	1126	12.2	180	11.3	240	11.6	8066
	2.0	1.6	3.5	4.0	5.3	6.8	10.0	15.0	45.2	45.2	45.2		
FOREIGN MATERIAL	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.0	0.3		
	530	0.7	270	0.7	630	1.0	742	1.3	94	1.3	124	3.5	2702
	1094	0.6	396	0.6	776	0.9	876	1.2	118	0.9	210	3.3	4188
	1550	0.5	622	0.5	850	0.7	918	1.1	134	1.1	262	2.8	4660
SHRUNKEN & BROKEN	0.5	0.5	1.0	1.0	2.0	2.0	3.0	4.0	5.6	12.0	5.6		
	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2		
	542	0.3	278	0.3	690	0.5	814	0.5	102	1.0	126	0.7	2876
	1098	0.3	396	0.3	862	0.4	942	0.4	130	0.7	212	0.6	4366
TOTAL DEFECTS	1558	0.3	626	0.3	986	0.5	968	0.4	140	0.8	184	0.8	4864
	2.8	2.7	4.4	4.2	4.7	5.4	4.9	3.3	3.2	24.6	3.2		
	0.4	0.4	0.4	0.4	0.8	0.4	0.5	0.4	0.4	0.4	0.4		
	564	1.3	286	1.5	660	2.0	768	2.0	96	2.0	126	1.6	2820
CONTRASTING CLASSES	1100	1.5	396	1.5	800	2.1	886	2.1	118	2.1	210	2.5	4224
	1558	1.4	632	1.6	888	2.1	956	2.3	140	2.1	262	2.3	4764
	3.0	3.0	5.0	5.0	8.0	8.0	12.0	16.5	48.2	48.2	48.2		
	0.9	0.7	1.2	1.0	2.2	1.8	1.3	5.9	2.2	0.7	2.2		
CONTRASTING CLASSES	564	2.3	282	2.5	648	3.4	756	3.7	96	4.2	126	6.0	2788
	1100	2.3	396	2.5	786	3.4	882	3.7	118	3.6	210	6.3	4206
	1556	2.2	626	2.4	878	3.2	942	3.7	140	3.9	260	5.6	4730
	1.0	1.0	2.0	2.0	3.0	3.0	10.0	0.0	3.2	10.0	3.2		
CONTRASTING CLASSES	0.4	0.4	0.6	0.5	1.0	1.0	1.0	0.0	1.3	0.4	1.3		
	52	0.8	26	0.8	232	1.5	252	1.4	72	2.5	126	4.9	856
	156	0.8	72	0.9	384	1.4	320	1.3	110	2.6	202	4.2	1672
	742	0.6	58	0.4	538	1.4	368	1.1	134	2.3	178	4.2	1768

*TEST WEIGHT IN POUNDS.

DURUM WHEAT MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

34

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 2		NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES. NUMBER
				NUMBER	NUMBER					
6.5 - 9.0	6	0	0	0	0	0	0	0	0	6
9.1 - 10.0	30	8	28	16	8	8	2	0	2	108
10.1 - 10.5	68	20	40	42	4	8	6	0	0	190
10.6 - 11.0	240	78	96	72	22	18	32	2	12	580
11.1 - 11.5	366	84	152	134	36	26	20	2	6	832
11.6 - 12.0	512	170	206	234	44	62	34	10	20	1292
12.1 - 12.5	372	192	128	190	18	42	30	12	10	1000
12.6 - 13.0	210	164	38	176	4	32	28	8	22	736
13.1 - 13.5	64	78	18	112	0	12	14	4	6	308
13.6 - 14.0	14	22	2	22	0	8	2	0	2	76
14.1 - 14.5	6	8	0	6	0	0	6	0	2	30
14.6 - 15.0	0	0	0	2	0	2	0	0	6	10
15.1 - 16.0	0	0	0	4	0	0	0	0	0	4
16.1 AND OVER	2	0	0	0	0	0	0	0	0	2
NO INFORMATION	72	14	14	10	0	2	10	0	6	128
MEAN 1973	11.8	12.2	11.7	12.1	11.5	12.0	12.0	12.3	12.3	11.9
MEAN 1972	11.9	12.7	11.6	12.3	11.4	12.1	11.9	12.1	12.5	12.1
MEAN 1971	11.7	12.5	11.5	12.2	11.3	12.2	11.6	12.3	12.0	11.9

FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
.0	0	0	0	0	0	0	0	0	0	0
.1 - 1.0	484	236	412	366	68	54	56	4	24	1720
1.1 - 1.5	38	30	100	148	2	10	10	2	6	348
1.6 - 2.0	9	4	32	126	6	10	10	2	2	254
2.1 - 2.5	0	0	24	54	2	16	4	0	6	108
2.6 - 3.0	0	0	8	34	2	18	0	0	2	64
3.1 - 3.5	0	0	2	8	8	8	0	0	0	26
3.6 - 4.0	0	0	0	6	4	14	2	0	0	28
4.1 - 4.5	0	0	0	0	0	2	0	0	0	2
4.6 - 5.0	0	0	0	0	0	8	0	0	0	8
5.1 - 6.0	0	0	0	0	2	20	2	0	2	26
6.1 - 7.0	0	0	0	0	0	8	6	0	0	14
7.1 - 8.0	0	0	0	0	0	0	14	0	4	18
8.1 - 10.0	0	0	0	0	0	0	20	4	2	26
10.1 - 12.5	0	0	0	0	0	0	0	16	2	18
12.6 - 15.0	0	0	0	0	0	0	0	10	0	12
15.1 - 25.0	0	0	0	0	0	0	0	0	18	20
25.1 AND OVER	0	0	0	0	0	0	0	0	8	0
AD INFORMATION	1432	568	142	278	42	52	60	0	20	2600
MEAN 1973	0.7	0.7	1.1	1.3	1.3	2.7	3.5	9.7	10.3	1.7
MEAN 1972	0.6	0.6	0.9	1.2	0.9	2.6	3.3	9.3	8.6	1.5
MEAN 1971	0.5	0.5	0.7	1.1	1.1	2.8	3.1	10.6	8.6	1.2

DURUM WHEAT FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE			NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBERS
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER				
0.0	0	0	0	0	0	0	0	0	0	0
0.1 - 0.5	542	278	504	606	40	114	82	28	52	2274
0.6 - 1.0	0	0	136	208	12	22	20	2	16	468
1.1 - 1.5	0	0	0	0	38	30	6	0	0	74
1.6 - 2.0	0	0	0	0	12	12	2	0	2	28
2.1 - 2.5	0	0	0	0	0	0	6	0	0	6
2.6 - 3.0	0	0	0	0	0	0	10	0	0	10
3.1 - 3.5	0	0	0	0	0	0	0	4	0	4
3.6 - 4.0	0	0	0	0	0	0	0	4	0	4
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0
4.6 - 5.0	0	0	0	0	0	0	0	0	0	0
5.1 - 6.0	0	0	0	0	0	0	0	0	0	2
6.1 - 8.0	0	0	0	0	0	0	0	0	2	2
8.1 - 10.0	0	0	0	0	0	0	0	0	2	2
10.1 - 15.0	0	0	0	0	0	0	0	0	0	2
TOTAL INFORMATION	1420	560	82	206	34	42	58	0	22	2426
MEAN 1973	0.3	0.3	0.5	0.5	1.0	0.7	0.7	1.0	0.9	0.5
MEAN 1972	0.3	0.3	0.4	0.4	0.7	0.6	0.6	1.2	0.7	0.4
MEAN 1971	0.3	0.3	0.5	0.4	0.8	0.5	0.8	0.6	0.5	0.4

DURUM WHEAT SHRUNKEN AND BROKEN KERNELS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	166	58	38	38	66	66	8	26	22	14	16	418
1.1 - 2.0	376	210	352	352	402	402	56	74	70	14	46	1614
2.1 - 2.5	20	16	148	148	136	136	10	24	10	4	6	378
2.6 - 3.0	2	2	80	80	90	90	10	16	14	4	6	226
3.1 - 3.5	0	0	30	30	48	48	2	14	6	2	2	106
3.6 - 4.0	0	0	10	10	24	24	6	8	0	0	0	48
4.1 - 4.5	0	0	2	2	2	2	2	2	2	0	0	14
4.6 - 5.0	0	0	0	0	0	0	2	6	2	0	0	10
5.1 - 6.0	0	0	0	0	0	0	0	4	0	0	0	4
6.1 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
7.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
8.1 - 9.0	0	0	0	0	0	0	0	0	0	0	0	0
9.1 - 11.0	0	0	0	0	0	0	0	0	0	0	0	0
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	2
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	1398	552	112	112	252	252	40	46	58	0	20	2482
MEAN 1973	1.3	1.5	2.0	2.0	2.0	2.0	2.0	2.2	1.9	1.6	1.6	1.8
MEAN 1972	1.5	1.5	2.1	2.1	2.1	2.1	2.1	2.7	2.5	2.5	2.4	2.0
MEAN 1971	1.4	1.6	2.1	2.1	2.3	2.3	2.1	2.3	2.1	2.1	1.9	1.9

DURUM WHEAT TOTAL DEFECTS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
0.0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	6	4	0	2	0	0	0	0	0	12
1.1 - 2.0	162	44	24	2	0	2	2	0	0	238
2.1 - 2.5	200	78	36	32	10	4	2	0	8	376
2.6 - 3.0	196	156	30	44	10	6	16	0	4	518
3.1 - 3.5	0	0	248	272	18	12	12	0	10	574
3.6 - 4.0	0	0	178	204	12	18	8	0	6	430
4.1 - 4.5	0	0	50	116	12	8	24	0	8	218
4.6 - 5.0	0	0	32	84	8	12	6	0	0	144
5.1 - 6.0	0	0	0	0	22	52	12	4	0	94
6.1 - 7.0	0	0	0	0	2	32	0	4	2	40
7.1 - 8.0	0	0	0	0	2	26	0	0	0	28
8.1 - 9.0	0	0	0	0	0	0	18	0	0	18
9.1 - 11.0	0	0	0	0	0	0	12	0	4	16
11.1 - 17.0	0	0	0	0	0	0	14	4	4	22
12.1 - 15.0	0	0	0	0	0	0	0	18	4	22
15.1 - 20.0	0	0	0	0	0	0	0	8	4	14
20.1 - 25.0	0	0	0	0	0	0	0	0	8	10
25.1 AND OVER	0	0	0	0	0	0	0	0	12	14
40 INFORMATION	1398	556	124	264	40	48	58	0	22	2514
MEAN 1973	2.3	2.5	3.4	3.7	4.2	5.4	6.0	12.4	12.2	3.8
MEAN 1972	2.3	2.5	3.4	3.7	3.6	5.9	6.3	12.9	10.7	3.9
MEAN 1971	2.2	2.4	3.2	3.7	3.9	5.6	6.0	13.3	11.3	3.4

HARD RED SPRING WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES				SUPRCLASSES			
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		TOTAL	TOUGH	WEEV- ILY	GAR- LUCKY	DARK NORTH. SPRING	NORTH. SPRING	REC.	
	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	88	16	12	28	4	12	8	8	0	0	196	0	0	0	180	4	12	
ALABAMA	40	89	28	108	4	32	12	4	0	0	316	0	0	0	284	32	0	
MINNESOTA	4484	3924	1216	1669	140	480	116	44	0	0	12268	608	0	0	6348	5508	412	
ARIZONA	1020	404	212	304	28	148	52	4	8	8	2244	56	0	0	2160	76	8	
NORTH DAKOTA	2428	1736	284	560	36	72	28	4	0	0	5168	68	0	0	3364	1804	0	
NEBRASKA	132	4	24	4	0	0	0	0	0	0	188	0	0	0	164	16	8	
SOUTH DAKOTA	1296	656	368	588	56	244	40	16	0	0	3268	4	0	0	2432	720	116	
WASHINGTON	788	64	92	44	24	36	32	0	12	12	1152	0	4	0	1044	64	84	
WISCONSIN	2356	1832	796	700	76	120	28	4	4	4	6000	312	0	0	1500	3844	656	
ALL STATES	12632	8624	3032	4004	368	1144	316	84	24	24	30840	1048	4	0	17476	12068	1296	
1973 CROP YEAR	41.8	28.5	10.0	13.2	1.2	3.8	1.0	0.3	0.1	0.1	100.0	3.4	0.0	0.0	56.7	39.1	4.2	
1972 CROP YEAR	55.4	17.9	10.3	8.9	1.3	4.0	1.1	0.3	0.8	0.8	100.0	4.0	0.0	0.0	74.1	25.8	0.1	
1971 CROP YEAR	59.4	10.6	14.6	8.4	2.2	3.0	0.8	0.3	0.6	0.6	100.0	3.8	0.0	0.0	87.5	12.2	0.3	

HARD RED SPRING WHEAT The 1973 crop had 94 percent grading U. S. No. 2 or better compared to 93 percent for the 1972 crop. There was only 57 percent Dark Northern Spring in the 1973 crop compared to 74 percent last year and 88 percent the previous year. Test Weight and Moisture Content were lower than the previous year.

HARD RED SPRING WHEAT
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, and 1971 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 4 PCT.	NO. 5 PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE														
HIGH		8.2		12.2		5.2	14.2	5.7	10.7	7.2	9.7	2.2	14.2	14.2
LOW		0.0		0.0		0.7	0.0	0.7	0.0	0.7	0.7	0.7	0.0	0.0
AVERAGE	1973	9024	1.1	7016	1.3	2604	1.3	3528	1.5	1044	1.8	24	24332	1.3
	1972	15228	1.4	5664	2.4	3296	1.5	3068	2.7	444	1.8	248	29804	1.9
	1971	13600	1.4	3024	1.6	3744	1.3	2556	1.6	608	1.8	164	24872	1.5
TEST WEIGHT *														
HIGH		65.0		59.9		63.8	59.9	64.0	59.7	63.1	62.3	62.5	65.0	65.0
LOW		60.0		58.0		60.0	57.0	60.0	55.0	55.0	50.5	54.1	49.5	49.5
AVERAGE	1973	12632	61.1	8620	59.0	3032	60.8	4004	58.5	316	58.2	24	30672	59.9
	1972	20404	61.2	6580	59.0	3788	61.1	3296	58.1	472	61.2	296	36828	60.3
	1971	19608	61.5	3512	59.1	4804	61.3	2780	58.5	976	57.6	208	33188	60.8
MOISTURE CONTENT														
HIGH		15.0		16.0		15.4	15.8	13.5	15.0	15.2	13.5	14.0	19.2	19.2
LOW		7.5		8.1		8.7	7.3	9.6	8.3	8.8	9.9	8.3	7.3	7.3
AVERAGE	1973	10884	11.8	8264	12.2	2716	11.5	3732	11.8	984	11.7	12	27796	11.8
	1972	17820	11.7	6256	12.1	3300	11.5	3120	12.2	380	11.7	256	33184	11.9
	1971	18100	11.5	3024	12.2	4528	11.2	2452	12.2	596	11.2	168	30220	11.6
TOTAL DAMAGE														
HIGH		2.0		1.6		3.7	4.0	4.6	6.8	9.7	14.5	0.8	20.0	20.0
LOW		0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
AVERAGE	1973	2740	0.4	1964	0.5	1696	0.7	1996	0.9	232	1.2	4	9456	0.8
	1972	7348	0.3	1276	0.5	2368	0.5	1384	0.9	656	1.8	60	13780	0.7
	1971	6664	0.3	1220	0.4	2556	0.7	1904	1.1	672	2.5	76	14020	0.7
FOREIGN MATERIAL														
HIGH		0.5		0.5		1.0	1.0	2.0	2.0	3.0	4.8	7.0	8.0	8.0
LOW		0.1		0.1		0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0
AVERAGE	1973	3184	0.3	2044	0.3	2604	0.5	2736	0.5	644	1.5	24	12048	0.5
	1972	7576	0.3	1312	0.3	3396	0.6	1900	0.5	720	1.2	164	15828	0.5
	1971	6868	0.3	1280	0.3	4324	0.6	2280	0.5	740	1.6	100	16748	0.5
SHRUNKEN & BROKEN														
HIGH		3.0		2.7		4.8	5.0	8.0	7.4	10.2	13.7	2.2	13.7	13.7
LOW		0.1		0.3		0.5	0.6	0.4	0.6	0.5	1.0	0.5	0.1	0.1
AVERAGE	1973	3660	1.4	2108	1.4	2160	2.5	2604	3.2	208	2.8	24	11936	2.0
	1972	7920	1.4	1328	1.4	2772	2.4	1592	2.1	264	1.9	168	15080	1.8
	1971	7060	1.3	1304	1.6	3208	2.4	2148	2.2	804	2.7	84	15676	1.8
TOTAL DEFECTS														
HIGH		3.0		3.0		5.0	5.0	7.1	8.0	11.6	14.2	5.3	24.3	24.3
LOW		0.2		0.6		1.1	1.2	0.6	1.9	1.3	3.2	0.7	0.2	0.2
AVERAGE	1973	3624	2.0	2104	2.3	1856	3.4	2204	4.3	196	5.2	24	11064	2.9
	1972	7888	2.0	1324	2.2	2488	3.3	1456	4.4	284	5.7	164	14580	2.7
	1971	6976	1.9	1280	2.3	2852	3.3	1984	4.5	708	5.2	80	14888	2.9
CONTRASTING CLASSES														
HIGH		1.0		1.0		2.0	1.8	3.0	3.0	10.0	0.0	0.0	10.0	10.0
LOW		0.3		0.6		1.0	1.3	2.3	1.5	0.6	0.0	0.0	0.3	0.3
AVERAGE	1973	36	0.7	8	0.8	92	1.5	24	2.5	68	5.3	0	272	2.5
	1972	152	0.4	12	0.8	184	1.4	12	1.4	128	5.6	4	568	2.2
	1971	1912	0.0	400	0.0	704	0.4	448	0.1	152	1.2	4	4076	0.2

* TEST WEIGHT IN POUNDS.

HARD RED SPRING WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3	NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 3					
65.0 - 69.0	8	0	0	0	0	0	0	0	0	0	8
62.0 - 64.9	2412	0	264	0	56	0	0	16	4	4	2760
60.0 - 61.9	10212	0	2768	0	312	0	0	104	8	8	13532
59.0 - 59.9	0	5552	0	1696	0	232	52	20	0	0	7676
58.0 - 58.9	0	3068	0	1116	0	212	40	16	8	8	4568
57.0 - 57.9	0	0	0	1192	0	108	0	8	0	0	1384
56.0 - 56.9	0	0	0	0	0	480	0	0	0	0	488
55.0 - 55.9	0	0	0	0	0	112	4	0	0	0	128
54.0 - 54.9	0	0	0	0	0	0	64	0	4	4	68
53.0 - 53.9	0	0	0	0	0	0	28	4	0	0	32
52.0 - 52.9	0	0	0	0	0	0	0	12	0	0	12
51.0 - 51.9	0	0	0	0	0	0	0	8	0	0	8
50.0 - 50.9	0	0	0	0	0	0	0	4	0	0	4
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	4
45.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	4	0	0	0	0	0	0	0	0	168
MEAN 1973	61.1	59.0	60.8	58.5	60.9	57.4	58.2	56.7	55.3	59.9	
MEAN 1972	61.2	59.0	61.1	58.1	61.1	56.6	58.2	57.6	55.2	60.3	
MEAN 1971	61.5	59.1	61.3	58.5	61.2	57.6	59.7	59.0	55.5	60.8	

HARD RED SPRING WHEAT MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

4
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PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3	NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2	NO. 3					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
6.5 - 9.0	48	4	20	16	0	12	4	0	4	196
9.1 - 10.0	500	112	180	224	28	100	12	4	0	1212
10.1 - 10.5	712	248	264	288	32	68	16	20	0	1676
10.6 - 11.0	1376	664	472	508	76	124	60	12	4	3344
11.1 - 11.5	1712	1064	488	640	44	152	24	12	0	4192
11.6 - 12.0	2464	1684	632	684	64	144	60	8	0	5812
12.1 - 12.5	1960	1656	288	528	36	132	16	4	0	4700
12.6 - 13.0	1336	1424	268	428	24	112	44	4	0	3684
13.1 - 13.5	584	896	72	236	16	72	0	8	0	1932
13.6 - 14.0	96	304	16	88	0	32	0	0	4	556
14.1 - 14.5	64	152	8	52	0	24	4	0	0	312
14.6 - 15.0	32	44	4	16	0	12	8	0	0	120
15.1 - 16.0	0	12	4	24	0	0	0	0	0	48
16.1 AND OVER	0	0	0	0	0	0	8	0	0	12
NO INFORMATION	1748	360	316	272	48	160	60	12	12	3044
MEAN 1973	11.8	12.2	11.5	11.8	11.4	11.7	11.8	11.3	11.1	11.8
MEAN 1972	11.7	12.1	11.5	12.2	11.7	12.5	12.1	12.3	12.2	11.9
MEAN 1971	11.5	12.2	11.2	12.2	11.2	12.2	11.5	11.8	12.1	11.6

HARD RED SPRING WHEAT TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NUMBER						
.0	104	8	124	132	8	44	16	4	444			
.1 - 1.0	2564	1832	1220	1292	168	244	84	44	7548			
1.1 - 1.5	60	120	60	132	4	16	8	0	404			
1.6 - 2.0	12	4	156	172	0	8	0	0	360			
2.1 - 2.5	0	0	72	148	4	8	0	0	236			
2.6 - 3.0	0	0	36	104	4	20	0	0	168			
3.1 - 3.5	0	0	24	12	4	28	0	0	84			
3.6 - 4.0	0	0	4	4	24	16	0	0	52			
4.1 - 4.5	0	0	0	0	12	24	0	0	36			
4.6 - 5.0	0	0	0	0	4	16	4	0	24			
5.1 - 6.0	0	0	0	0	0	12	0	0	16			
6.1 - 7.0	0	0	0	0	0	12	8	0	24			
7.1 - 8.0	0	0	0	0	0	0	12	4	24			
8.1 - 10.0	0	0	0	0	0	0	12	0	12			
10.1 - 12.5	0	0	0	0	0	0	0	4	4			
12.6 - 15.0	0	0	0	0	0	0	0	4	8			
15.1 - 25.0	0	0	0	0	0	0	0	0	12			
25.1 AND OVER	0	0	0	0	0	0	0	0	0			
NO INFORMATION	9892	6660	1336	2008	136	696	172	24	21384			
MEAN 1973	0.4	0.5	0.7	0.9	1.2	1.6	2.2	2.4	0.8			
MEAN 1972	0.3	0.5	0.5	0.9	0.8	1.8	2.9	5.2	7.5			
MEAN 1971	0.3	0.4	0.7	1.1	1.1	2.5	2.9	4.6	9.3			

HARD RED SPRING WHEAT FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
0.0	0	0	0	0	0	8	0	0	0	8
0.1 - 0.5	3134	2044	1096	1572	84	324	84	20	20	8576
0.6 - 1.0	0	0	1508	1164	20	68	20	4	0	2808
1.1 - 1.5	0	0	0	0	148	152	12	0	0	312
1.6 - 2.0	0	0	0	0	84	92	0	4	0	180
2.1 - 2.5	0	0	0	0	0	0	56	4	0	60
2.6 - 3.0	0	0	0	0	0	0	44	0	0	48
3.1 - 3.5	0	0	0	0	0	0	0	16	0	16
3.6 - 4.0	0	0	0	0	0	0	0	0	0	0
4.1 - 4.5	0	0	0	0	0	0	0	4	0	4
4.6 - 5.0	0	0	0	0	0	0	0	16	0	16
5.1 - 6.0	0	0	0	0	0	0	0	0	0	8
6.1 - 8.0	0	0	0	0	0	0	0	0	4	12
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	9448	6580	428	1268	32	500	100	16	0	18792
MEAN 1973	0.3	0.3	0.6	0.5	1.2	0.8	1.5	2.5	1.3	0.5
MEAN 1972	0.3	0.3	0.6	0.5	1.2	0.7	1.2	2.2	1.4	0.5
MEAN 1971	0.3	0.3	0.6	0.5	1.2	0.6	1.6	2.9	1.1	0.5

HARD RED SPRING WHEAT SHRUNKEN AND BROKEN KERNELS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	980	397	152	248	28	64	36	4	12	1952	12	1952
1.1 - 2.0	2368	1564	592	644	116	200	60	8	8	5616	8	5616
2.1 - 2.5	236	136	284	288	36	40	40	16	4	1096	4	1096
2.6 - 3.0	76	16	540	532	32	48	16	12	0	1312	0	1312
3.1 - 3.5	0	0	328	480	16	36	8	4	0	888	0	888
3.6 - 4.0	0	0	212	240	0	20	12	0	0	508	0	508
4.1 - 4.5	0	0	36	112	4	32	12	0	0	196	0	196
4.6 - 5.0	0	0	16	60	8	68	4	0	0	160	0	160
5.1 - 6.0	0	0	0	0	28	92	0	0	0	120	0	120
6.1 - 7.0	0	0	0	0	0	32	0	0	0	32	0	32
7.1 - 8.0	0	0	0	0	4	4	8	0	0	20	0	20
8.1 - 9.0	0	0	0	0	0	0	4	0	0	4	0	4
9.1 - 11.0	0	0	0	0	0	0	8	8	0	16	0	16
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	16	0	16	0	16
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	8972	6516	872	1400	96	508	108	16	0	18904	0	18904
MEAN 1973	1.4	1.4	2.5	2.6	2.5	3.2	2.8	5.8	1.2	2.0	1.2	2.0
MEAN 1972	1.4	1.4	2.4	2.1	3.0	2.1	1.9	2.1	2.0	1.8	2.0	1.8
MEAN 1971	1.3	1.6	2.4	2.2	2.7	2.7	2.9	2.7	1.6	1.8	1.6	1.8

HARD RED SPRING WHEAT TOTAL DEFECTS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

46

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	368	8	0	0	4	0	0	0	0	4	384
1.1 - 2.0	1572	684	60	76	16	4	24	0	0	16	2464
2.1 - 2.5	992	776	116	80	4	28	8	0	0	0	2012
2.6 - 3.0	692	636	208	160	8	28	4	0	0	0	1752
3.1 - 3.5	0	0	824	904	52	56	8	4	0	0	1776
3.6 - 4.0	0	0	408	668	36	100	36	0	0	0	1272
4.1 - 4.5	0	0	152	240	16	48	8	0	0	0	476
4.6 - 5.0	0	0	88	176	36	56	36	4	4	0	408
5.1 - 6.0	0	0	0	0	68	164	20	4	4	0	284
6.1 - 7.0	0	0	0	0	16	48	12	8	8	0	88
7.1 - 8.0	0	0	0	0	4	24	0	12	12	0	48
8.1 - 9.0	0	0	0	0	0	0	4	0	0	0	16
9.1 - 11.0	0	0	0	0	0	0	28	4	4	4	40
11.1 - 12.0	0	0	0	0	0	0	8	0	0	0	8
12.1 - 15.0	0	0	0	0	0	0	0	20	20	0	20
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	12
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	4
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
TOTAL INFORMATION	9008	6520	1176	1800	108	588	120	28	28	0	15776
MEAN 1973	2.0	2.3	3.4	3.6	4.3	4.7	5.2	9.0	9.0	2.7	2.9
MEAN 1972	2.0	2.2	3.3	3.4	4.3	4.4	5.7	8.6	8.6	8.8	2.7
MEAN 1971	1.9	2.3	3.3	3.6	4.5	5.2	6.1	9.2	9.2	11.6	2.9

HARD RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES				SUBCLASSES			
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	TOTAL	TOUGH	WEEV-ILY	GAR-LICKY	DARK HARD WINTER	HARD WINTER	YELLOW HARD WINTER
	NUMBER	NO. 1 HEAVY	NUMBER	NO. 2 HEAVY	NUMBER	NO. 3 HEAVY	NUMBER	NO. 4	NUMBER	NO. 5								
IDAHO	544	512	104	328	32	128	24	8	0	1928	0	0	0	1104	744	80		
ILLINOIS	120	80	0	32	0	0	0	0	0	232	56	0	0	0	8	224		
KANSAS	10872	2576	6768	4008	456	528	152	112	104	25576	688	0	0	1400	20656	3520		
KENTUCKY	762	456	400	336	64	112	0	16	24	2240	264	8	8	16	1520	704		
KENTIANA	448	272	16	56	24	8	0	0	24	848	8	0	0	744	104	0		
KERASKA	2888	4568	1280	3592	72	728	192	80	192	13552	488	24	0	376	10664	2552		
OKLAHOMA	9128	1736	2408	496	232	144	64	24	0	14232	2016	0	0	360	10688	3184		
OREGON	384	112	112	32	120	48	8	8	0	1072	0	0	0	584	480	8		
SOUTH DAKOTA	0	8	0	0	0	0	0	0	0	8	0	0	0	8	0	0		
TEXAS	5080	4424	1320	2238	264	456	144	64	56	14056	672	0	0	5176	8256	664		
UTAH	0	0	0	8	0	0	0	0	0	8	0	8	0	0	8	0		
WASHINGTON	2240	312	304	88	128	48	40	40	112	3584	0	0	0	2768	704	112		
ALL STATES	30464	15056	12712	11264	1342	2200	624	352	512	77416	4192	40	8	12536	53832	11048		
* 1973 CROP YEAR	42.4	19.7	16.6	14.7	1.8	2.9	0.8	0.5	0.7	100.0	5.4	0.1	0.0	16.2	69.5	14.3		
* 1972 CROP YEAR	40.8	28.9	5.4	18.8	1.2	3.4	0.8	0.3	0.5	100.0	12.6	0.0	0.0	27.9	51.1	21.0		
* 1971 CROP YEAR	47.2	27.2	7.2	13.3	1.1	2.1	0.9	0.4	0.6	100.0	6.9	0.0	0.0	26.3	62.5	11.3		

*1971, 1972 and 1973 Colorado not included.

HARD RED WINTER WHEAT The 1973 crop had 93 percent grading U. S. No. 2 or better compared to 94 percent for the 1972 crop and 95 percent for the 1972 crop and 95 percent in 1971. A total of 70 percent was in the subclass Hard Winter compared to 51 percent 1971 year. Test Weight was up, while Moisture Content was lower.

HARD RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES **

QUALITY FACTOR	U. S. GRADE												SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY			NO. 2 HEAVY			NO. 3 HEAVY			NO. 4			NO. 5		NO. PCT.	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE																
HIGH		6.7	4.7	2.7	10.2	7.7	4.2	0.0	0.0	4.7	7.2	5.2			10.2	
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
AVERAGE	1973	13064	0.7	9160	0.8	9296	0.7	8936	0.8	1032	0.9	1808	0.9	448	0.5	44384
	1972	10456	0.8	12016	0.8	3144	0.8	13384	0.9	2368	1.2	464	1.4	208	1.3	43008
	1971	12280	0.8	11256	0.7	4208	0.8	9376	0.9	664	0.9	1664	1.2	576	1.2	35664
TEST WEIGHT *																
HIGH		65.6	61.9	64.8	61.9	65.4	61.8	65.4	61.8	63.5	63.3	63.4			65.6	
LOW		62.0	60.0	62.0	58.0	62.0	56.2	62.0	56.2	55.2	51.8	53.6			51.8	
AVERAGE	1973	32496	62.8	15088	61.1	12712	62.7	11264	60.6	1392	62.6	2200	60.2	624	60.9	76640
	1972	39584	62.7	27992	61.1	5200	62.5	18232	60.3	1144	62.5	3296	60.2	784	61.0	97048
	1971	45576	62.9	26244	61.1	6928	62.7	12832	60.3	1072	62.7	2064	60.3	912	61.4	98136
ADJUSTURE CONTENT																
HIGH		15.9	15.8	15.0	16.0	15.0	14.9	15.0	14.9	14.0	14.7	14.5			16.0	
LOW		8.2	7.9	8.1	8.3	8.8	8.6	8.8	8.6	9.1	9.1	8.6			6.6	
AVERAGE	1973	29528	11.7	14264	12.1	12192	10.9	10888	11.6	1120	11.0	2032	11.5	560	11.8	72064
	1972	33808	12.4	25120	12.9	4176	12.0	16424	12.5	720	12.0	2848	12.4	488	12.5	84984
	1971	35320	11.9	24248	12.6	5544	11.3	11400	12.0	520	11.3	1480	11.6	392	11.7	81008
FEAT DAMAGE																
HIGH		0.1	0.1	0.2	0.2	0.5	0.3	0.5	0.3	0.8	0.0	0.3			0.8	
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
AVERAGE	1973	400	0.0	120	0.0	136	0.0	48	0.0	24	0.4	8	0.0	8	0.3	536
	1972	416	0.0	72	0.0	240	0.0	88	0.0	88	0.1	32	0.5	40	0.2	1064
	1971	1392	0.0	576	0.0	704	0.0	1088	0.0	232	0.1	48	0.0	40	0.0	6512
TOTAL DAMAGE																
HIGH		2.0	1.9	3.0	3.5	6.4	6.6	6.4	6.6	10.0	15.0	30.0			35.0	
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
AVERAGE	1973	6528	0.4	4560	0.4	5000	0.6	5928	0.6	872	1.3	1352	1.7	403	4.6	25688
	1972	8576	0.4	6096	0.4	2024	0.5	6960	0.5	416	1.0	1024	1.6	304	3.6	25704
	1971	14000	2.4	8272	0.4	3224	0.6	4216	0.5	424	1.1	736	0.9	352	1.7	33064
FOREIGN MATERIAL																
HIGH		0.5	0.5	1.0	1.0	2.0	2.0	2.0	2.0	3.0	5.0	5.5			5.9	
LOW		3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1			0.0	
AVERAGE	1973	10128	0.2	7680	0.2	7112	0.3	7608	0.3	1112	0.8	1816	0.7	528	1.7	36776
	1972	15416	0.2	12920	0.2	4072	0.4	12984	0.3	920	1.1	2432	0.9	712	1.8	50176
	1971	20808	0.2	13296	0.2	4560	0.4	8320	0.4	800	1.0	1752	1.1	808	4.2	52672
SHRUNKEN & BROKEN																
HIGH		3.0	3.0	5.0	5.0	7.4	7.7	7.4	7.7	9.5	11.7	4.5			11.7	
LOW		0.2	0.2	0.5	0.4	0.5	0.6	0.5	0.6	0.8	0.7	0.7			0.2	
AVERAGE	1973	31496	2.0	14912	1.9	12712	3.3	11216	3.1	1392	3.7	2200	3.6	616	3.1	75352
	1972	36512	1.5	25648	1.8	4968	2.8	17448	2.9	1088	2.6	2876	4.0	720	2.5	90112
	1971	40832	1.7	24304	1.8	6480	3.0	12032	2.8	944	4.0	1848	4.9	808	4.8	89704
TOTAL DEFECTS																
HIGH		3.0	3.0	5.0	5.0	8.0	7.9	8.0	7.9	12.0	17.8	32.7			32.7	
LOW		0.2	0.4	0.9	0.6	0.8	0.8	0.8	0.8	2.6	2.6	1.8			2.9	
AVERAGE	1973	31400	2.1	14864	2.2	12712	3.7	11224	3.6	624	7.5	352	10.0	504	5.6	75272
	1972	35416	1.6	24680	2.0	4672	3.4	16856	3.4	976	4.0	320	7.5	424	2.9	86776
	1971	39768	1.9	23736	2.1	6416	3.5	11696	3.2	944	4.0	1848	4.9	808	4.8	97704
CONTRASTING CLASSES																
HIGH		1.0	1.0	2.0	1.2	2.8	3.0	2.8	3.0	3.5	0.0	0.0			3.5	
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
AVERAGE	1973	23088	3.0	7560	0.0	9848	0.0	6088	0.0	808	0.1	968	0.1	304	0.0	48928
	1972	27392	0.0	15664	0.0	2632	0.1	5976	0.0	504	0.3	952	0.1	312	1.0	53632
	1971	23728	0.0	10296	0.0	3272	0.2	3464	0.0	416	1.1	440	0.0	360	3.5	43616
OTHER CLASSES																
HIGH		0.0	0.0	0.0	4.0	10.0	10.0	10.0	10.0	0.0	0.0	0.0			10.0	
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
AVERAGE	1973	26632	3.0	8744	0.0	10360	0.0	6608	0.0	1120	0.3	1192	0.3	368	0.0	55480
	1972	31136	0.0	17280	0.0	3104	0.1	6992	0.0	1496	1.5	416	0.0	200	0.2	61720
	1971	23248	0.0	10256	0.0	2904	0.1	3392	0.0	368	2.9	568	1.8	144	0.9	43504

* TEST WEIGHT IN POUNDS.

** 1971, 1972 AND 1973 COLORADO NOT INCLUDED.

HARD RED WINTER WHEAT MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE			NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2	NO. 3	NO. 4					
6.5 - 9.0	328	88	376	184	16	56	0	0	0	16	1616
9.1 - 10.0	2912	648	2592	1096	304	224	40	40	40	24	8032
10.1 - 10.5	2672	840	1904	960	152	160	40	24	24	16	6784
10.6 - 11.0	3432	1224	2304	1456	200	256	80	48	48	16	9024
11.1 - 11.5	3904	1720	1888	1736	120	280	72	40	40	72	5856
11.6 - 12.0	3960	2320	1552	1800	72	416	120	24	24	68	10368
12.1 - 12.5	4032	2296	824	1512	112	248	56	32	32	80	9192
12.6 - 13.0	3704	2192	496	1128	48	240	72	32	32	40	7952
13.1 - 13.5	2440	1704	168	496	56	72	48	24	24	40	5048
13.6 - 14.0	1344	776	64	264	16	56	32	32	32	8	2592
14.1 - 14.5	544	280	16	160	16	16	0	0	0	0	1032
14.6 - 15.0	208	128	8	80	8	8	0	8	8	8	456
15.1 - 16.0	48	48	0	16	0	0	0	0	0	0	112
16.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	2968	832	520	376	272	168	64	48	48	104	5352
MEAN 1973	11.7	12.1	10.9	11.6	11.0	11.5	11.8	11.8	11.8	11.8	11.6
MEAN 1972	12.4	12.9	12.0	12.5	12.0	12.4	12.5	12.4	12.4	12.7	12.5
MEAN 1971	11.9	12.6	11.3	12.0	11.3	11.6	11.7	11.7	11.7	11.8	12.0

HARD RED WINTER WHEAT TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NUMBER						
.0	328	80	72	24	64	40	8	0	8	0	0	624
.1 - 1.0	6040	4792	4384	5280	560	720	136	88	136	136	136	22136
1.1 - 1.5	104	72	264	376	16	56	0	0	0	24	24	912
1.6 - 2.0	56	16	160	136	40	48	8	8	8	32	32	504
2.1 - 2.5	0	0	80	56	24	72	0	0	0	0	0	232
2.6 - 3.0	0	0	40	24	40	152	0	0	0	32	32	288
3.1 - 3.5	0	0	0	32	8	32	0	0	0	16	16	88
3.6 - 4.0	0	0	0	0	64	88	0	8	8	24	24	184
4.1 - 4.5	0	0	0	0	0	40	8	0	0	0	0	48
4.6 - 5.0	0	0	0	0	24	80	24	0	24	8	8	136
5.1 - 6.0	0	0	0	0	24	16	24	8	24	24	24	96
6.1 - 7.0	0	0	0	0	8	8	88	0	88	16	16	120
7.1 - 8.0	0	0	0	0	0	0	48	0	48	8	8	56
8.1 - 10.0	0	0	0	0	0	0	56	40	56	24	24	120
10.1 - 12.5	0	0	0	0	0	0	0	56	56	16	16	72
12.6 - 15.0	0	0	0	0	0	0	0	24	24	8	8	32
15.1 - 25.0	0	0	0	0	0	0	0	0	0	32	32	32
25.1 AND OVER	0	0	0	0	0	0	0	0	0	8	8	8
NO INFORMATION	25968	10136	7712	5336	520	848	224	112	112	104	104	51728
MEAN 1973	0.4	0.4	0.6	0.6	1.3	1.7	4.6	6.4	6.4	5.0	5.0	0.8
MEAN 1972	0.4	0.4	0.5	0.5	1.0	1.6	3.6	4.1	4.1	6.6	6.6	0.6
MEAN 1971	0.4	0.4	0.6	0.5	1.1	0.9	1.0	1.7	1.7	4.6	4.6	0.5

HAZARD 250 WINTER WHEAT FOREIGN MATERIAL
 FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
 PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
 ALL INSPECTIONS
 ALL STATES

52

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER					
0.0	88	16	8	0	0	0	0	0	0	112
0.1 - 0.5	10040	7664	6194	6720	592	1144	176	88	256	32864
0.6 - 1.0	0	0	920	889	88	168	40	0	24	2128
1.1 - 1.5	0	0	0	0	264	208	8	0	8	488
1.6 - 2.0	0	0	0	0	168	296	8	0	0	480
2.1 - 2.5	0	0	0	0	0	0	88	0	0	88
2.6 - 3.0	0	0	0	0	0	0	208	0	0	208
3.1 - 3.5	0	0	0	0	0	0	0	32	0	32
3.6 - 4.0	0	0	0	0	0	0	0	80	0	80
4.1 - 4.5	0	0	0	0	0	0	0	48	0	48
4.6 - 5.0	0	0	0	0	0	0	0	56	0	56
5.1 - 6.0	0	0	0	0	0	0	0	0	72	72
6.1 - 8.0	0	0	0	0	0	0	0	0	80	80
8.1 - 10.0	0	0	0	0	0	0	0	0	40	40
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	22368	7416	5600	3556	280	384	96	40	32	40640
MEAN 1973	0.2	0.2	0.3	0.3	0.8	0.7	1.7	2.9	3.1	0.3
MEAN 1972	0.2	0.2	0.4	0.3	1.1	0.9	1.9	3.6	4.3	0.4
MEAN 1971	0.2	0.2	0.4	0.4	1.0	1.1	1.3	4.2	4.6	0.4

HARD RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	U. S. GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	2288	864	64	296	56	64	16	24	8	24	3680
1.1 - 2.0	15336	7648	552	1456	240	312	160	88	64	88	25856
2.1 - 2.5	8296	4176	696	1120	184	288	72	128	72	128	15032
2.6 - 3.0	5576	2224	2152	2136	136	288	120	80	64	80	12776
3.1 - 3.5	0	0	4704	3024	80	176	96	88	32	88	8200
3.6 - 4.0	0	0	3008	1848	56	184	48	56	40	56	5240
4.1 - 4.5	0	0	1096	944	96	184	40	32	24	32	2416
4.6 - 5.0	0	0	440	392	128	224	16	8	16	8	1224
5.1 - 6.0	0	0	0	0	328	360	0	0	16	0	704
6.1 - 7.0	0	0	0	0	72	96	16	0	0	0	184
7.1 - 8.0	0	0	0	0	16	24	0	0	0	0	40
8.1 - 9.0	0	0	0	0	0	0	24	0	0	0	24
9.1 - 11.0	0	0	0	0	0	0	8	0	0	0	8
11.1 - 12.0	0	0	0	0	0	0	0	0	8	0	8
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	1000	184	0	48	0	0	8	8	8	8	2024
MEAN 1973	2.0	1.9	3.3	3.1	3.7	3.6	3.1	2.7	3.1	2.7	2.4
MEAN 1972	1.5	1.8	2.8	2.9	2.6	3.2	3.1	2.9	2.5	2.9	2.0
MEAN 1971	1.7	1.8	3.0	2.8	2.6	3.7	3.0	2.4	3.3	2.4	2.0

HARD RED WINTER WHEAT TOTAL DEFECTS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

51
4

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 NUMBER	NO. 2 NUMBER					
0.0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	1480	520	16	128	24	8	0	0	2176
1.1 - 2.0	13264	5536	88	744	56	72	0	8	19768
2.1 - 2.5	7912	4256	200	664	64	24	0	8	13128
2.6 - 3.0	8744	4552	176	472	40	128	16	8	14144
3.1 - 3.5	0	0	4992	3072	56	104	0	32	8272
3.6 - 4.0	0	0	4088	3136	104	160	0	8	7512
4.1 - 4.5	0	0	1928	1656	80	112	16	16	3824
4.6 - 5.0	0	0	1224	1352	56	128	64	16	2840
5.1 - 6.0	0	0	0	0	584	1000	40	40	1776
6.1 - 7.0	0	0	0	0	256	288	32	48	696
7.1 - 8.0	0	0	0	0	72	176	40	24	336
8.1 - 9.0	0	0	0	0	0	0	56	40	184
9.1 - 11.0	0	0	0	0	0	0	24	112	272
11.1 - 12.0	0	0	0	0	0	64	0	24	88
12.1 - 15.0	0	0	0	0	0	0	80	64	144
15.1 - 20.0	0	0	0	0	0	0	56	40	96
20.1 - 25.0	0	0	0	0	0	0	0	8	8
25.1 AND OVER	0	0	0	0	0	0	0	8	8
NO INFORMATION	1096	232	0	40	0	0	0	8	2144
MEAN 1973	2.1	2.2	3.7	3.6	5.1	5.2	10.0	9.6	2.9
MEAN 1972	1.6	2.0	3.4	3.4	4.0	4.5	7.5	10.0	2.4
MEAN 1971	1.9	2.1	3.5	3.2	4.0	4.9	7.8	8.2	2.4

SOFT RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES		
	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE	TOTAL NUMBER	TOUGH NUMBER	WEFV- ILY NUMBER	GAR- LICKY NUMBER
CALIFORNIA	192	1302	12	1329	9	672	153	39	69	3786	27	3	0
ILLINOIS	15	618	0	1047	0	282	63	15	3	2061	1488	0	528
INDIANA	6	60	0	72	0	27	0	0	0	165	84	0	84
KENTUCKY	0	48	0	318	0	180	21	6	0	573	492	0	447
MICHIGAN	0	3	0	0	0	0	0	0	0	3	0	0	0
MISSOURI	3	45	0	303	0	150	30	9	3	546	315	0	201
NEW YORK	0	45	0	33	0	0	0	0	0	78	24	0	3
OHIO	15	471	3	897	0	204	24	3	9	2457	1422	0	48
PENNSYLVANIA	0	3	0	12	0	129	117	156	39	462	273	3	135
SOUTH CAROLINA	3	33	0	111	0	30	75	30	57	402	246	15	21
TEXAS	36	207	0	318	0	45	3	6	0	615	138	0	0
VIRGINIA	9	336	0	897	0	435	372	204	51	2313	1812	12	663
ALL STATES	279	3171	15	5337	9	2214	858	468	231	13461	6321	33	2130
1973 CROP YEAR	2.2	25.2	0.1	42.4	0.1	17.6	6.8	3.7	1.8	100.0	47.0	0.2	15.8
1972 CROP YEAR	7.6	40.7	0.0	28.0	0.0	6.3	5.8	8.1	3.5	100.0	39.9	1.1	16.1
1971 CROP YEAR	14.3	39.0	0.3	18.3	0.1	17.2	7.2	2.6	1.0	100.0	35.2	0.6	17.1

SOFT RED WINTER WHEAT The 1973 crop had 70 percent grading U. S. No. 2 or better compared to 76 percent for the 1972 crop and 72 percent in 1971. Test Weight per bushel was slightly lower than in either 1972 or 1971. Moisture Content was up. Total Damage was lower than the 1972 crop but higher than the 1971 crop.

SOFT RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES		
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.	
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.					
DOCKAGE															
	HIGH	2-2	8-2	2-2	15-2	6-2	14-7	14-2	10-7	10-7	16-2	16-2	16-2	16-2	
	LOW	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
	AVERAGE	279	0-4	3171	0-4	15	0-7	5337	0-6	9	2-1	2214	1-1	858	1-2
TEST WEIGHT *	1973	279	0-4	3171	0-4	15	0-7	5337	0-6	9	2-1	2214	1-1	858	1-2
	1972	177	0-8	1752	0-9	3	0-7	2376	1-0	0	0-0	1017	1-3	1176	1-1
	1971	627	0-9	2631	0-9	39	1-2	2283	1-1	21	0-9	2823	1-2	1281	1-3
MOISTURE CONTENT	HIGH	66-6	61-9	62-3	61-7	64-0	61-8	59-5	59-0	59-0	61-5	61-5	66-6	66-6	
	LOW	62-0	60-0	62-0	58-0	62-0	56-0	54-0	51-0	51-0	47-0	47-0	45-4	45-4	
	AVERAGE	279	62-3	3171	60-7	15	62-1	5337	59-0	9	62-8	2211	57-3	858	55-1
	1973	279	62-3	3171	60-7	15	62-1	5337	59-0	9	62-8	2211	57-3	858	55-1
HEAT DAMAGE	1972	1863	62-4	10047	60-8	9	62-2	6900	59-0	3	62-3	1563	57-1	1437	54-6
	1971	2910	62-4	7944	60-9	60	62-2	3726	59-0	30	62-5	3510	56-9	1464	55-1
TOTAL CAMMAGE	HIGH	1-4	2-0	1-4	4-0	0-0	0-0	7-0	9-6	15-0	39-0	39-0	39-0	39-0	
	LOW	0-2	0-1	0-1	0-1	0-0	0-1	0-1	0-2	0-2	0-3	0-3	0-1	0-1	
	AVERAGE	57	0-5	933	0-8	3	1-4	2139	1-4	0	0-0	924	2-2	519	2-7
	1973	57	0-5	933	0-8	3	1-4	2139	1-4	0	0-0	924	2-2	519	2-7
FOREIGN MATERIAL	1972	429	0-8	2529	1-0	0	0-0	2679	1-5	0	0-0	1014	2-3	1239	3-3
	1971	135	0-6	1599	1-0	6	0-9	1848	1-1	0	0-0	2589	0-9	1188	1-3
SHRUNKEN & BROKEN	HIGH	0-3	0-5	0-5	1-0	1-6	2-0	3-0	5-0	5-0	5-8	5-8	12-0	12-0	
	LOW	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
	AVERAGE	99	0-2	897	0-2	3	0-5	1899	0-3	3	1-6	1059	0-5	534	0-5
	1973	99	0-2	897	0-2	3	0-5	1899	0-3	3	1-6	1059	0-5	534	0-5
TOTAL DEFECTS	1972	258	0-1	1161	0-2	6	0-7	1581	0-3	0	0-0	843	0-4	1170	0-3
	1971	63	0-2	570	0-2	15	0-8	1437	0-3	0	0-0	2514	0-3	1164	0-4
CONTRASTING CLASSES	HIGH	2-8	2-9	2-8	4-9	3-2	7-8	8-5	15-9	15-9	7-2	7-2	15-9	15-9	
	LOW	0-4	0-1	0-4	0-1	0-1	0-2	0-2	0-3	0-3	0-3	0-3	0-1	0-1	
	AVERAGE	192	1-4	1242	1-1	3	2-8	2082	1-3	3	3-2	1086	1-5	576	1-3
	1973	192	1-4	1242	1-1	3	2-8	2082	1-3	3	3-2	1086	1-5	576	1-3
OTHER CLASSES	1972	252	0-6	1167	0-7	0	0-0	1422	0-8	0	0-0	783	1-0	1167	0-9
	1971	63	0-6	477	0-6	9	3-4	1251	0-6	0	0-0	2466	0-7	1149	0-9
TOTAL DEFECTS	HIGH	3-0	3-0	3-3	5-0	4-8	8-0	10-6	16-9	16-9	40-8	40-8	40-8	40-8	
	LOW	0-8	0-4	3-3	0-5	4-8	0-4	0-9	1-4	1-4	1-4	1-4	0-4	0-4	
	AVERAGE	156	1-6	1035	1-5	3	3-3	1839	2-1	3	4-8	918	3-0	531	3-8
	1973	156	1-6	1035	1-5	3	3-3	1839	2-1	3	4-8	918	3-0	531	3-8
CONTRASTING CLASSES	1972	252	1-4	1071	1-4	0	0-0	1392	2-2	0	0-0	780	3-4	1158	6-2
	1971	63	1-0	483	1-7	9	4-0	1251	1-8	0	0-0	2463	1-9	1146	2-5
TOTAL DEFECTS	HIGH	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
	LOW	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
	AVERAGE	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
	1973	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
OTHER CLASSES	1972	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	3	0-0
	1971	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	12	0-0
TOTAL DEFECTS	HIGH	2-8	3-0	4-9	5-0	9-5	9-0	1-5	0-0	0-0	1-2	1-2	9-5	9-5	
	LOW	1-0	1-0	3-4	0-5	5-4	1-0	1-5	0-0	0-0	1-2	1-2	0-4	0-4	
	AVERAGE	21	1-9	177	1-9	9	4-1	174	2-9	6	7-4	81	5-0	3	1-2
	1973	21	1-9	177	1-9	9	4-1	174	2-9	6	7-4	81	5-0	3	1-2
TOTAL DEFECTS	1972	3	1-9	72	2-1	3	5-0	36	3-4	3	5-0	33	8-0	0	0-0
	1971	9	2-3	3	1-5	30	4-4	114	3-9	30	8-0	87	7-3	0	0-0

* TEST WEIGHT IN POUNDS.

SOFT RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
65.0 - 68.0	6	0	0	0	0	0	0	0	0	6
62.0 - 64.9	273	0	15	0	9	0	0	0	0	297
60.0 - 61.9	0	3171	0	345	0	78	0	0	24	3678
59.0 - 59.9	0	0	0	2676	0	90	9	3	21	2901
58.0 - 58.9	0	0	0	2316	0	117	24	0	27	2649
57.0 - 57.9	0	0	0	0	0	1203	12	12	21	1335
56.0 - 56.9	0	0	0	0	0	723	15	3	9	780
55.0 - 55.9	0	0	0	0	0	0	414	6	12	453
54.0 - 54.9	0	0	0	0	0	0	384	21	24	444
53.0 - 53.9	0	0	0	0	0	0	0	186	15	210
52.0 - 52.9	0	0	0	0	0	0	0	132	3	135
51.0 - 51.9	0	0	0	0	0	0	0	105	2	108
50.0 - 50.9	0	0	0	0	0	0	0	0	39	51
49.0 - 49.9	0	0	0	0	0	0	0	0	12	15
45.0 - 48.9	0	0	0	0	0	0	0	0	21	30
NO INFORMATION	0	0	0	0	0	3	0	0	0	369
MEAN 1973	62.3	60.7	62.1	59.0	62.8	57.3	55.1	52.8	54.7	58.6
MEAN 1972	62.4	60.8	62.2	59.0	62.0	57.1	54.8	52.6	51.6	58.9
MEAN 1971	62.4	60.9	62.2	59.0	62.5	56.9	55.1	53.0	54.0	59.4

SOFT RED WINTER WHEAT MOISTURE CONTENT
 FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
 PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 HEAVY NUMBER	U. S. GRADE		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 NUMBER	NO. 3 HEAVY NUMBER					
6.5 - 9.0	0	0	0	0	0	0	0	0	0
9.1 - 10.0	3	3	6	0	0	0	0	0	12
10.1 - 10.5	6	9	12	0	3	0	0	0	33
10.6 - 11.0	0	18	21	0	3	2	3	0	48
11.1 - 11.5	9	48	36	0	24	3	3	0	126
11.6 - 12.0	12	54	114	0	45	30	6	6	267
12.1 - 12.5	6	117	174	0	63	36	27	3	432
12.6 - 13.0	21	222	357	0	105	66	60	6	861
13.1 - 13.5	18	393	564	0	141	60	48	6	1290
13.6 - 14.0	6	417	633	0	207	84	66	24	1485
14.1 - 14.5	6	303	627	0	231	99	57	27	1392
14.6 - 15.0	0	147	495	0	207	90	42	18	1053
15.1 - 16.0	0	93	618	0	312	108	48	27	1323
16.1 AND OVER	0	48	375	0	234	135	72	54	1068
NO INFORMATION	192	1299	1305	9	639	144	36	60	4071
MEAN 1973	12.5	13.7	14.3	0.0	14.7	14.8	14.6	15.4	14.3
MEAN 1972	13.2	13.2	13.7	0.0	14.1	14.0	14.0	14.3	13.6
MEAN 1971	12.7	13.1	13.7	13.3	13.9	14.0	14.0	14.2	13.4

SOFT RED WINTER WHEAT TOTAL DAMAGE
 FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
 PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		U. S. GRADE NO. 2		U. S. GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
.0	0		0		0		0		0		0		0		0		0		0	
.1 - 1.0	51		678		0		1104		0		351		141		48		12		2412	
1.1 - 1.5	6		117		3		165		0		72		57		27		9		477	
1.6 - 2.0	0		138		0		279		0		114		78		45		18		732	
2.1 - 2.5	0		0		0		210		0		57		33		36		6		363	
2.6 - 3.0	0		0		0		234		0		90		63		48		21		507	
3.1 - 3.5	0		0		0		75		0		39		27		24		3		204	
3.6 - 4.0	0		0		0		72		0		54		30		45		9		246	
4.1 - 4.5	0		0		0		0		0		15		12		9		0		60	
4.6 - 5.0	0		0		0		0		0		57		24		18		6		129	
5.1 - 6.0	0		0		0		0		0		45		12		3		3		96	
6.1 - 7.0	0		0		0		0		0		30		6		12		3		81	
7.1 - 8.0	0		0		0		0		0		0		15		3		3		36	
8.1 - 10.0	0		0		0		0		0		0		21		3		12		54	
10.1 - 12.5	0		0		0		0		0		0		0		9		3		12	
12.6 - 15.0	0		0		0		0		0		0		0		15		3		18	
15.1 - 25.0	0		0		0		0		0		0		0		0		27		27	
25.1 AND OVER	0		0		0		0		0		0		0		0		6		6	
40 INFORMATION	222		238		12		3198		9		1290		339		123		87		8001	
MEAN 1973	0.5		0.8		1.4		1.4		0.0		2.2		2.7		3.5		8.3		2.1	
MEAN 1972	0.8		1.0		0.0		1.5		0.0		2.3		3.3		5.1		13.2		3.1	
MEAN 1971	0.6		1.0		0.9		1.1		0.0		0.9		1.3		1.4		8.9		1.3	

SOFT RED WINTER WHEAT FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 NUMBER	NO. 2 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0
0.1 - 0.5	99	897	3	1695	0	801	423	300	108	4347
0.6 - 1.0	0	0	0	204	0	135	45	24	24	432
1.1 - 1.5	0	0	0	0	0	81	15	3	0	99
1.6 - 2.0	0	0	0	0	3	42	6	3	3	57
2.1 - 2.5	0	0	0	0	0	0	21	0	3	24
2.6 - 3.0	0	0	0	0	0	0	24	3	0	27
3.1 - 3.5	0	0	0	0	0	0	0	6	0	6
3.6 - 4.0	0	0	0	0	0	0	0	6	0	6
4.1 - 4.5	0	0	0	0	0	0	0	3	0	3
4.6 - 5.0	0	0	0	0	0	0	0	9	0	9
5.1 - 6.0	0	0	0	0	0	0	0	0	5	9
6.1 - 8.0	0	0	0	0	0	0	0	0	3	3
8.1 - 10.0	0	0	0	0	0	0	0	0	6	15
10.1 - 15.0	0	0	0	0	0	0	0	0	0	3
NO INFORMATION	180	2274	12	3438	6	1155	324	111	75	8421
MEAN 1973	0.2	0.2	0.5	0.3	1.6	0.5	0.5	0.6	1.2	0.4
MEAN 1972	0.1	0.2	0.7	0.3	0.0	0.4	0.3	0.4	0.7	0.3
MEAN 1971	0.2	0.2	0.8	0.3	0.0	0.3	0.4	0.7	2.2	0.4

SOFT RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. G.-GRADE		NO. 3	NO. 4	NO. 5	SAMPLE GRADE	ALL GRADES
					NO. 2	NO. 3					
					NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	69	675	0	0	1218	0	651	417	243	90	3375
1.1 - 2.0	102	468	0	0	471	0	195	72	84	30	1428
2.1 - 2.5	18	63	0	0	138	0	54	15	9	5	306
2.6 - 3.0	3	36	3	3	84	0	24	15	6	6	177
3.1 - 3.5	0	0	0	0	60	3	33	21	0	0	117
3.6 - 4.0	0	0	0	0	45	0	21	9	3	0	78
4.1 - 4.5	0	0	0	0	36	0	27	3	0	6	72
4.6 - 5.0	0	0	0	0	30	0	12	6	0	3	51
5.1 - 6.0	0	0	0	0	0	0	51	3	3	3	60
6.1 - 7.0	0	0	0	0	0	0	6	3	0	0	5
7.1 - 8.0	0	0	0	0	0	0	12	3	6	3	24
8.1 - 9.0	0	0	0	0	0	0	0	9	0	0	9
9.1 - 11.0	0	0	0	0	0	0	0	0	6	0	6
11.1 - 12.0	0	0	0	0	0	0	0	0	3	0	3
12.1 - 15.0	0	0	0	0	0	0	0	0	3	0	6
15.1 - 20.0	0	0	0	0	0	0	0	0	3	0	3
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
TOTAL INFORMATION	87	1929	12	3255	6	1128	282	99	81	7737	
MEAN 1973	1.4	1.1	2.8	1.3	3.2	1.5	1.3	1.6	1.4	1.3	
MEAN 1972	0.6	0.7	0.0	0.8	0.0	1.0	0.9	1.0	1.2	0.9	
MEAN 1971	0.6	0.6	3.4	0.6	0.0	0.7	0.9	1.2	1.1	0.8	

SOFT RED WINTER WHEAT TOTAL DEFECTS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		U. S. GRADE NO. 2		U. S. GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP	NUMBER	NUMREP
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	15	162	0	213	0	213	0	69	9	0	0	0	0	0	0	0	468	0
1.1 - 2.0	114	720	0	903	0	903	0	231	96	24	24	24	24	6	6	6	2097	6
2.1 - 2.5	21	90	0	252	0	252	0	165	69	18	18	18	18	5	5	5	627	5
2.6 - 3.0	6	63	0	174	0	174	0	105	54	42	42	42	42	3	3	3	447	3
3.1 - 3.5	0	0	3	114	0	114	0	75	60	36	36	36	36	5	5	5	303	5
3.6 - 4.0	0	0	0	87	0	87	0	57	78	48	48	48	48	15	15	15	285	15
4.1 - 4.5	0	0	0	45	0	45	0	51	33	36	36	36	36	6	6	6	171	6
4.6 - 5.0	0	0	0	51	0	51	3	39	27	54	54	54	54	3	3	3	177	3
5.1 - 6.0	0	0	0	0	0	0	0	72	30	33	33	33	33	0	0	0	135	0
6.1 - 7.0	0	0	0	0	0	0	0	27	24	15	15	15	15	12	12	12	78	12
7.1 - 8.0	0	0	0	0	0	0	0	27	9	12	12	12	12	15	15	15	63	15
8.1 - 9.0	0	0	0	0	0	0	0	0	21	6	6	6	6	12	12	12	39	6
9.1 - 11.0	0	0	0	0	0	0	0	0	21	6	6	6	6	6	6	6	39	6
11.1 - 12.0	0	0	0	0	0	0	0	0	0	6	6	6	6	3	3	3	9	3
12.1 - 15.0	0	0	0	0	0	0	0	0	0	27	27	27	27	5	5	5	39	5
15.1 - 20.0	0	0	0	0	0	0	0	0	0	6	6	6	6	5	5	5	15	5
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	0
NO INFORMATION	123	2136	12	3498	6	3498	6	1296	327	99	99	99	99	9C	9C	9C	8445	9C
MEAN 1973	1.6	1.5	3.3	2.1	4.8	2.1	4.8	3.0	3.8	5.2	5.2	5.2	5.2	10.3	10.3	10.3	2.8	10.3
MEAN 1972	1.4	1.4	0.0	2.2	0.0	2.2	0.0	3.4	4.5	6.2	6.2	6.2	6.2	13.7	13.7	13.7	4.5	13.7
MEAN 1971	1.0	1.7	4.0	1.8	0.0	1.8	0.0	1.9	2.5	3.1	3.1	3.1	3.1	11.5	11.5	11.5	2.3	11.5

WHITE WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS

STATES	U. S. GRADES										SPECIAL GRADES				SUBCLASSES			
	NO. 1 HEAVY NUMBER	NO. 1 HEAVY NUMBER	NO. 2 HEAVY NUMBER	NO. 2 HEAVY NUMBER	NO. 3 HEAVY NUMBER	NO. 3 HEAVY NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NO.	WEEV- ILY NO.	GAR- LUCKY NO.	HARD WHITE NO.	SCFT WHITE NO.	WHITE CLUB NO.	WEST. WHITE NO.	
CALIFORNIA	110	114	22	73	8	42	23	10	2	414	0	2	2	112	258	0	4	
IDAHO	646	584	66	530	12	224	50	10	12	2244	0	0	0	18	1578	242	6	
MICHIGAN	0	150	0	248	0	80	32	20	74	630	204	4	0	0	630	0	0	
NEW YORK	0	8	0	390	0	408	76	2	8	892	328	4	10	0	892	0	0	
OHIO	0	14	0	24	0	18	10	0	2	68	30	0	0	0	68	0	0	
OREGON	1284	1406	118	922	78	284	170	36	44	4876	0	0	0	116	3776	916	68	
UTAH	510	1368	20	1298	6	326	106	14	16	3668	134	10	0	22	3644	0	2	
WASHINGTON	1838	1762	86	1374	38	352	140	38	56	6066	0	2	0	18	4362	556	730	
ALL STATES	4388	5406	312	4863	142	1774	612	130	214	18858	696	22	12	286	15648	2114	810	
1973 CROP YEAR	24.6	30.3	1.7	27.3	0.8	9.9	3.4	0.7	1.2	100.0	3.7	0.1	0.1	1.5	83.0	11.2	4.3	
1972 CROP YEAR	27.8	37.0	1.6	24.3	0.4	5.1	1.7	0.6	1.0	100.0	3.5	0.0	0.0	0.6	83.1	15.5	0.8	
1971 CROP YEAR	30.5	31.5	1.5	20.5	0.5	9.9	4.3	1.3	1.1	100.0	2.2	0.0	0.0	1.2	85.2	12.6	1.1	

WHITE WHEAT The 1973 crop had 84 percent grading U. S. No. 2 or better compared to 91 percent for the 1972 crop and 84 percent in 1971. Test Weight per bushel and Moisture Content were slightly lower, while Total Defects were slightly higher.

WHITE WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIED GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973, 1972, AND 1971 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	U. S. GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NO.	PCT.		
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.	
DOCKAGE														
	HIGH	8.2	8.2	6.7	13.7	11.2	19.2	13.7	13.7	13.7	16.2	19.2	19.2	
	LOW	0.0	0.0	204	0.9	88	2.1	146.2	0.0	0.0	0.0	0.0	0.0	
	AVERAGE	1784	1.0	3574	1.1	4136	1.6	514	1.9	116	3.1	178	1.5	
TEST WEIGHT *														
	HIGH	1772	2518	1.0	4614	1.1	248	1.3	752	1.9	230	2.1	1726	1.2
	LOW	1798	1.0	3282	1.1	156	1.7	2268	1.4	154	1.9	142	2.4	
	AVERAGE	65.2	61.9	64.1	61.9	64.1	61.9	64.3	63.3	63.3	63.5	65.2	65.2	
MOISTURE CONTENT														
	HIGH	62.4	58.0	312	62.6	4862	59.3	142	58.2	128	59.4	17836	60.5	
	LOW	5306	62.9	7058	60.6	312	62.8	4744	59.2	112	59.6	15096	60.7	
	AVERAGE	4766	62.8	4912	60.8	228	62.6	3196	59.3	208	59.9	15612	60.6	
ACTUAL DAMAGE														
	HIGH	13.4	16.8	12.7	17.6	12.3	16.9	20.2	19.9	19.9	16.5	20.2	20.2	
	LOW	7.1	7.4	7.4	7.3	7.7	6.7	8.0	8.3	8.0	8.0	6.7	6.7	
	AVERAGE	1416	8.6	1370	10.4	118	8.9	1676	11.5	38	9.0	118	12.4	
FOREIGN MATERIAL														
	HIGH	2090	9.2	2412	10.4	216	9.4	2078	11.9	22	9.2	408	11.9	
	LOW	802	9.1	1142	10.7	52	9.6	1172	12.1	10	9.0	146	11.6	
	AVERAGE	1550	0.1	2134	0.2	136	0.1	2048	0.7	80	0.6	866	1.2	
SHRUNKEN & BROKEN														
	HIGH	1384	0.1	1934	0.1	84	0.2	1504	0.6	38	0.6	460	1.1	
	LOW	1996	0.1	1550	0.2	110	0.2	1136	0.5	30	0.4	776	1.2	
	AVERAGE	0.5	0.5	1.0	1.0	2.0	3.0	3.0	5.0	5.0	11.5	11.5	11.5	
TOTAL DEFECTS														
	HIGH	2356	0.2	3026	0.2	252	0.5	2512	0.3	134	1.2	896	0.6	
	LOW	2126	0.1	3058	0.2	262	0.6	1926	0.3	68	1.2	542	0.6	
	AVERAGE	171	3056	0.2	2758	0.2	194	0.7	1634	0.4	58	1.2	862	0.6
CONTRASTING CLASSES														
	HIGH	3.0	3.0	5.0	5.0	7.3	7.6	11.8	16.0	16.0	5.8	16.0	16.0	
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	AVERAGE	4322	1.2	5162	1.5	304	2.4	4186	2.1	134	2.6	1304	2.9	
OTHER CLASSES														
	HIGH	172	5158	1.0	6732	1.3	300	2.1	4008	1.4	76	1.7	896	1.7
	LOW	171	4596	1.0	4466	1.4	208	1.6	2584	1.8	68	1.5	1132	1.8
	AVERAGE	3.0	3.0	5.0	5.0	7.4	8.0	12.0	16.6	16.6	33.6	33.6	33.6	
CONTRASTING CLASSES														
	HIGH	3974	1.3	4374	1.8	298	2.9	3666	2.6	134	3.2	1214	3.8	
	LOW	172	4066	1.1	5944	1.4	276	2.7	3344	1.8	70	3.1	786	2.6
	AVERAGE	171	3900	1.2	3212	1.7	196	2.5	1932	2.4	58	2.9	992	3.1
OTHER CLASSES														
	HIGH	1.0	1.0	2.0	2.0	3.0	3.0	10.0	10.0	10.0	8.0	10.0	10.0	
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	AVERAGE	62	0.7	98	0.6	48	1.5	202	1.3	134	3.2	1214	3.8	
OTHER CLASSES														
	HIGH	172	90	0.7	128	0.7	22	1.5	242	1.3	20	2.7	76	2.2
	LOW	171	130	0.7	140	0.7	54	1.5	192	1.2	20	2.7	84	2.2
	AVERAGE	0.0	1.0	0.0	5.0	0.0	10.0	2.5	2.5	0.0	0.0	0.0	10.0	10.0
OTHER CLASSES														
	HIGH	3768	0.0	3754	0.0	270	0.0	2846	0.0	128	0.0	926	0.1	
	LOW	1772	4684	0.0	6084	0.0	278	0.0	3070	0.0	70	0.0	624	0.0
	AVERAGE	1771	0	0.0	16	1.5	2	1.8	16	1.7	2	9.0	12	2.2

* TEST WEIGHT IN POUNDS.

WHITE WHEAT TEST WEIGHT
DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1974 CROP
ALL INSPECTIONS
ALL STATES

GRADE	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
63.0 - 63.9	14	0	0	0	0	0	0	0	0	14
64.0 - 64.9	4374	0	312	0	142	0	74	18	42	4966
65.0 - 65.9	0	4980	0	878	0	290	176	36	48	6408
66.0 - 66.9	0	308	0	2416	0	182	76	12	16	3004
67.0 - 67.9	0	114	0	1556	0	102	40	14	8	1834
68.0 - 68.9	0	0	0	18	0	764	24	10	20	836
69.0 - 69.9	0	0	0	0	0	432	14	4	16	466
70.0 - 70.9	0	0	0	0	0	4	134	4	32	174
71.0 - 71.9	0	0	0	0	0	0	72	2	18	92
72.0 - 72.9	0	0	0	0	0	0	0	26	8	34
73.0 - 73.9	0	0	0	0	0	0	0	2	6	8
74.0 - 74.9	0	0	0	0	0	0	0	0	0	0
75.0 - 75.9	0	0	0	0	0	0	0	0	0	0
76.0 - 76.9	0	0	0	0	0	0	0	0	0	0
77.0 - 77.9	0	4	0	6	0	0	2	2	0	1022
78.0 - 78.9	62.8	60.7	62.6	59.3	62.6	57.9	58.5	59.4	58.4	60.5
79.0 - 79.9	62.9	60.6	63.8	59.2	62.9	58.0	58.4	59.6	57.3	60.7
80.0 - 80.9	62.8	60.8	62.6	59.3	62.6	57.7	57.2	55.9	57.3	60.6
TOTAL	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373

WHITE WHEAT MOISTURE CONTENT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

6

PERCENT

	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	U. S. GRADE NO. 3 HEAVY		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER					
6.5 - 9.0	1154	582	89	470	23	186	46	24	20	3358
9.1 - 10.0	158	76	10	54	4	30	20	0	4	488
10.1 - 10.5	24	56	2	30	0	16	2	0	4	182
10.6 - 11.0	22	96	20	36	2	18	8	2	0	218
11.1 - 11.5	24	114	2	63	2	28	8	0	6	274
11.6 - 12.0	12	72	4	80	0	22	3	4	6	229
12.1 - 12.5	6	84	0	114	2	59	14	4	12	300
12.6 - 13.0	4	98	2	254	0	102	30	4	20	504
13.1 - 13.5	2	106	0	232	0	166	30	4	14	654
13.6 - 14.0	0	64	0	162	0	146	18	2	14	406
14.1 - 14.5	0	14	0	40	0	74	26	2	4	160
14.6 - 15.0	0	6	0	28	0	26	14	2	6	82
15.1 - 16.0	0	0	0	6	0	8	6	0	4	24
16.1 AND OVER	0	2	0	2	0	4	6	6	4	24
TOTAL INFORMATION	2972	4036	194	3192	104	880	376	76	56	11956
MEAN 1973	8.6	10.4	8.9	11.5	9.0	12.1	12.1	11.6	12.4	10.3
MEAN 1972	9.2	10.4	9.4	11.9	9.2	11.9	11.4	11.9	12.6	10.4
MEAN 1971	9.1	10.7	9.6	12.1	9.0	12.1	11.6	11.0	11.5	10.4

WHITE WHEAT TOTAL DAMAGE
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		U. S. GRADE NO. 2		U. S. GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0	1172	1200	104	744	66	234	148	30	44	3742								
0.1 - 1.0	370	820	26	822	14	228	74	18	6	2380								
1.1 - 1.5	2	76	2	208	0	202	24	2	0	516								
1.6 - 2.0	6	38	4	106	0	62	18	2	0	236								
2.1 - 2.5	0	0	0	50	0	20	2	0	2	74								
2.6 - 3.0	0	0	0	66	0	36	2	2	0	108								
3.1 - 3.5	0	0	0	22	0	8	4	0	0	34								
3.6 - 4.0	0	0	0	30	0	18	8	2	2	60								
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0								
4.6 - 5.0	0	0	0	0	0	16	2	0	0	18								
5.1 - 6.0	0	0	0	0	0	28	4	0	0	32								
6.1 - 7.0	0	0	0	0	0	14	10	0	0	26								
7.1 - 8.0	0	0	0	0	0	0	12	0	0	12								
8.1 - 10.0	0	0	0	0	0	0	28	0	0	28								
10.1 - 12.5	0	0	0	0	0	0	0	8	0	8								
12.6 - 15.0	0	0	0	0	0	0	0	12	0	20								
15.1 - 25.0	0	0	0	0	0	0	0	0	0	36								
25.1 AND OVER	0	0	0	0	0	0	0	0	0	60								
NO INFORMATION	2838	3272	176	2820	62	908	276	54	78	11468								
MEAN 1973	0.1	0.2	0.1	0.7	0.0	1.2	1.8	3.8	22.1	1.0								
MEAN 1972	0.1	0.1	0.2	0.6	0.6	1.1	1.8	3.2	31.5	1.1								
MEAN 1971	0.1	0.2	0.2	0.5	0.4	1.2	3.6	8.9	15.2	1.1								

WHITE WHEAT FOREIGN MATERIAL
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

88

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		U. S. GRADE NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER
0.0	246		10		0		44		0		0		700
0.1 - 0.5	2110		120		26		513		20		26		7926
0.6 - 1.0	0		122		4		40		4		10		570
1.1 - 1.5	0		0		68		122		0		0		200
1.6 - 2.0	0		0		36		82		2		2		130
2.1 - 2.5	0		0		0		0		0		0		54
2.6 - 3.0	0		0		0		0		4		4		74
3.1 - 3.5	0		0		0		0		20		0		20
3.6 - 4.0	0		0		0		0		18		0		18
4.1 - 4.5	0		0		0		0		10		0		10
4.6 - 5.0	0		0		0		0		22		4		26
5.1 - 6.0	0		0		0		0		0		12		12
6.1 - 7.0	0		0		0		0		0		38		38
8.1 - 10.0	0		0		0		0		0		22		22
10.1 - 15.0	0		0		0		0		0		2		2
TOTAL	2032		60		8		873		30		84		9044
MEAN 1973	0.2		0.5		1.2		0.6		3.1		5.4		0.4
MEAN 1972	0.1		0.6		1.2		0.6		3.6		4.8		0.4
MEAN 1971	0.2		0.7		1.2		0.6		1.3		3.3		0.4

WHITE WHEAT SHRUNKEN AND BROKEN KERNELS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	U. S. GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER						
0.0	2	2	0	0	0	0	0	0	0	0	4
0.1 - 1.0	2192	1448	68	1060	50	286	92	16	20	20	5232
1.1 - 2.0	1808	2726	66	1312	42	284	142	20	48	48	6452
2.1 - 2.5	228	670	8	404	12	148	52	16	16	16	1554
2.6 - 3.0	92	316	32	358	4	108	58	18	10	10	996
3.1 - 3.5	0	0	78	432	4	52	36	4	14	14	620
3.6 - 4.0	0	0	24	346	2	42	38	0	4	4	456
4.1 - 4.5	0	0	20	188	0	30	14	4	6	6	262
4.6 - 5.0	0	0	8	86	4	76	10	4	4	4	192
5.1 - 6.0	0	0	0	0	12	176	6	2	4	4	200
6.1 - 7.0	0	0	0	0	2	86	12	4	4	4	108
7.1 - 8.0	0	0	0	0	2	16	8	4	0	0	30
8.1 - 9.0	0	0	0	0	0	0	10	0	0	0	10
9.1 - 11.0	0	0	0	0	0	0	16	2	4	4	22
11.1 - 12.0	0	0	0	0	0	0	4	2	0	0	6
12.1 - 15.0	0	0	0	0	0	0	0	8	0	0	8
15.1 - 20.0	0	0	0	0	0	0	0	2	0	0	2
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	66	244	8	682	8	470	114	24	80	2704	
MEAN 1973	1.2	1.5	2.4	2.1	2.0	2.9	2.8	4.1	2.6	1.7	
MEAN 1972	1.0	1.3	2.1	1.4	1.7	1.7	2.0	2.0	2.1	1.3	
MEAN 1971	1.0	1.4	1.6	1.8	1.5	1.8	1.5	1.4	1.9	1.4	

WHITE WHEAT TOTAL DEFECTS
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS, AND
PERCENTAGE BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1973 CROP
ALL INSPECTIONS
ALL STATES

PERCENT

	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	U. S. GRADE			NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 2	NO. 3						
0.0	0	2	0	0	0	0	0	0	0	0	0	0	2
0.1 - 1.0	1680	628	12	12	274	4	40	18	0	0	0	4	2660
1.1 - 2.0	1870	2360	78	78	1076	8	198	68	2	2	2	6	5666
2.1 - 2.5	272	820	24	24	476	42	158	40	4	4	4	2	1838
2.6 - 3.0	152	564	18	18	448	30	132	48	0	2	2	2	1396
3.1 - 3.5	0	0	86	86	502	14	104	42	4	4	4	6	758
3.6 - 4.0	0	0	42	42	444	8	70	48	4	4	4	4	620
4.1 - 4.5	0	0	26	26	268	4	52	36	4	4	4	2	392
4.6 - 5.0	0	0	12	12	178	2	40	28	8	4	4	4	272
5.1 - 6.0	0	0	0	0	0	14	238	34	16	2	2	2	304
6.1 - 7.0	0	0	0	0	0	6	128	28	14	0	0	0	176
7.1 - 8.0	0	0	0	0	0	2	54	12	18	18	18	18	104
8.1 - 9.0	0	0	0	0	0	0	0	16	2	14	14	14	32
9.1 - 11.0	0	0	0	0	0	0	0	26	6	28	28	28	60
11.1 - 12.0	0	0	0	0	0	0	0	8	4	6	6	6	18
12.1 - 15.0	0	0	0	0	0	0	0	0	14	16	16	16	30
15.1 - 20.0	0	0	0	0	0	0	0	0	4	4	4	6	10
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	4	4
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	2	2
NO INFORMATION	414	1032	14	14	1202	8	560	160	26	88	4514		
MEAN 1973	1.3	1.8	2.9	2.9	2.6	3.2	3.8	4.2	7.6	5.3	2.2		
MEAN 1972	1.1	1.4	2.7	2.7	1.8	3.1	2.6	3.4	6.0	10.2	1.6		
MEAN 1971	1.2	1.7	2.5	2.5	2.4	2.9	3.1	4.6	10.0	14.7	2.2		

DRY EDIBLE BEAN INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTIONS BY GRADE
AND SELECT CLASSES, 9 WEEKS DURING AND FOLLOWING HARVEST 1970 - 1973 CROP

71

CLASS		HAND PICKED	U. S. EXTRA NO. 1	NO. 1	NO. 2	NO. 3	SUB STANDARD	SAMPLE GRADE
BLACKEYE	1973 CROP YEAR**							
	1972 CROP YEAR			32	23	19	5	21
	1971 CROP YEAR			39	22	10	13	16
	1970 CROP YEAR			38	29	14	10	9
GREAT NORTHERN	1973 CROP YEAR			93	5		2	
	1972 CROP YEAR	1		94	4		1	
	1971 CROP YEAR			97	2		1	
	1970 CROP YEAR			91	9			
DARK & LIGHT RED KIDNEY	1973 CROP YEAR**							
	1972 CROP YEAR	8		60	21	2	8	1
	1971 CROP YEAR			76	17		5	
	1970 CROP YEAR	1		79	20			
BABY LIMA	1973 CROP YEAR**							
	1972 CROP YEAR		4	29	10	41	16	
	1971 CROP YEAR		8	59	16	13	4	
	1970 CROP YEAR		12	78	5	3	2	
LARGE LIMA	1973 CROP YEAR**							
	1972 CROP YEAR		13	62	21		4	
	1971 CROP YEAR		5	68	21		6	
	1970 CROP YEAR		17	73	9		1	
PEA BEANS	1973 CROP YEAR*							
	1972 CROP YEAR*							
	1971 CROP YEAR*							
	1970 CROP YEAR	3		97				
PINK BEANS	1973 CROP YEAR			87	13			
	1972 CROP YEAR	1		85	7	5	2	
	1971 CROP YEAR			83	10	4	3	
	1970 CROP YEAR			80	12	4	4	
SMALL RED	1973 CROP YEAR	4		70	13		13	
	1972 CROP YEAR			75	20	4	1	
	1971 CROP YEAR			63	32	2	1	2
	1970 CROP YEAR			65	23	7	5	
BLACK TURTLE	1973 CROP YEAR**							
	1972 CROP YEAR**							
	1971 CROP YEAR			100				
	1970 CROP YEAR			98	2			
PINTO	1973 CROP YEAR	2		81	11	1	5	
	1972 CROP YEAR			96	2		2	
	1971 CROP YEAR	1		93	4	1	1	
	1970 CROP YEAR			92	4	2	2	

*THE PEA BEANS WERE MAINLY MARKETED UNDER MICHIGAN GRADES THE PAST THREE YEARS. TOO FEW FEDERAL INSPECTIONS WERE SUBMITTED TO REPORT.

**NOT ENOUGH DATA TO REPORT.

DRY EDIBLE BEANS IN 1973 THE QUALITY OF PINTO BEANS GRADING U. S. NO. 1 OR BETTER DECREASED WITH PINK, GREAT NORTHERN AND SMALL RED BEANS REMAINING ABOUT THE SAME.

1973 CROP QUALITY - PEAS

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>SHRIVELED</u>			
0.0-1.5%	448	699	1,147
1.6-2.0%	7	30	37
2.1-2.5%	1	17	18
2.6-3.5%	8	20	28
3.6-4.0%	5	17	22
4.1-7.5%	10	32	42
7.6-8.0%	1	1	2
8.1-11.5%	4	5	9
11.6-12.0%	0	1	1
over 12.0%	1	8	9
No Entry	963	1,077	2,040

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>CRACKED SEED COATS</u>			
0.0-2.5%	1,264	1,511	2,775
2.6-3.0%	48	83	131
3.1-3.5%	20	30	50
3.6-4.5%	39	36	75
4.6-5.0%	11	13	24
5.1-5.5%	4	5	9
5.6-6.5%	5	2	7
6.6-7.0%	2	1	3
7.1-7.5%	4	1	5
7.6-8.5%	0	0	0
8.6-9.0%	0	1	1
over 9.0%	0	0	0
No Entry	51	224	275

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>SMALL SIZE</u>			
0.0-1.0%	895	593	1,488
1.1-2.0%	218	434	652
2.1-2.5%	64	150	214
2.6-3.0%	77	105	182
3.1-3.5%	32	88	120
over 3.6%	106	313	419
No Entry	56	224	280

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>SPLITS</u>			
0.0-0.5%	175	300	475
0.6-1.0%	276	506	782
1.1-1.5%	223	424	647
1.6-2.0%	179	243	422
No Entry	595	434	1,029

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>BLEACHED</u>			
0.0-1.0%	114	1,017	1,131
1.1-1.5%	60	41	101
1.6-2.0%	33	24	57
2.1-2.5%	21	14	35
2.6-3.0%	23	4	27
3.1-3.5%	3	13	16
3.6-4.5%	10	5	15
4.6-5.0%	1	4	5
5.1-6.5%	1	10	11
6.6-7.0%	2	2	4
7.1-7.5%	0	1	1
over 7.5%	3	5	8
No Entry	1,177	767	1,944

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>WEEVIL DAMAGE</u>			
0.0-0.1%	425	344	769
0.2%	225	193	418
0.3%	164	168	332
0.4%	78	104	182
0.5%	51	68	119
0.6%	33	48	81
0.7%	29	32	61
0.8%	25	42	67
0.9%	19	23	42
1.0%	30	23	53
1.1-1.4%	55	41	96
1.5%	13	18	31
1.6-2.0%	42	23	65
2.1-3.0%	47	22	69
over 3.0%	77	23	100
No Entry	135	735	870

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>DAMAGE</u>			
0.0-0.5%	631	1,198	1,829
0.6-1.0%	84	231	315
1.1-1.5%	35	49	84
1.6-2.0%	8	16	24
2.1-2.5%	1	8	9
over 2.5%	9	9	18
No Entry	680	396	1,076

DISTRIBUTION BY FACTOR	YELLOW	GREEN	TOTAL
<u>CONTRASTING CLASSES</u>			
0.0-0.3%	121	508	629
0.4-0.8%	7	46	53
0.9-1.5%	5	5	10
1.6-2.0%	0	1	1
over 2.0%	3	0	3
No Entry	1,312	1,347	2,659